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About

1 Safety Precautions

CAUTION:		
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to "dangerous voltage" and to prevent from a risk of electric shock.	**Warning:** To reduce the risk of electric shock, don't open the cabinet. Refer servicing to qualified personnel only.	The exclamation point within an equilateral triangle is intended to alert the user to important operating and maintenance (servicing).

WARNING: Do not use this STB where contact with or immersion in water is a possibility. Do not use near flower vase, washbowls, kitchen sinks, laundry tubs, swimming pools, etc.

WARNING: Do not put the candle or lamp stand on the cabinet; otherwise, there is the danger of fire.

WARNING: The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit. If you are not sure of the type of power supply (for example, 120 or 230V) to your home, consult your local dealer or local power company.

WARNING: This product install diodes. Do not open the cabinet or touch any parts in the inner mechanism. Consult your local dealer for technical service if the opening is required.

Note: To ensure proper use of this product, please read this User manual carefully and retain for further reference.

Note: This product install diodes. Do not open the cabinet to avoid the unit direct exposure to radiation.

Unit Cleaning: After the unit power is turned off, you can clean the cabinet, panel and remote control with a soft cloth lightly moistened with a mild detergent solution.

Attachments: Never add any attachments and/or equipment without the manufacturer consent; as such additions may result in the risk of fire, electric shock, or other personal injury.

Locating: Slots and openings in the cabinet are provided for ventilation to protect it from overheating. Do not block these openings or allow them to be blocked by placing the STB on a bed, sofa, or other similar surface, nor should it be placed over a radiator or heat register.

Power-Cord Protection: Place the power-supply cord out of the way, where it will not be walked on. Please take special attentions to cords at plugs, convenience receptacles, and the point where they exit from the unit.

Object and Liquid Entry: Never put objects of any kind into this STB through openings, as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill any liquid on the STB.

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Note: Moisture may be formed on the lens In the following conditions:

- ❖ when the unit is suddenly moved from a cold environment or an air-condition room to a warm place.
- ❖ immediately after a heater has been turned on.
- ❖ in a steamy or very humid room.

If the moisture forms inside the unit, it may not operate properly. To correct this problem, turn on the power and wait about two hours for the moisture to evaporate.

Parts Replacement: When the unit parts need to be replaced, user should make sure the service technician use the replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized replacement may put the unit In the risk of fire, electric shock or other hazards.

Safety Check: After all the maintenances and repairs are done, user is required to request the service technician to conduct the overall safety check to ensure the machine is In the proper condition.

2 INTRODUCTION

Thank you for purchasing the HD Receiver.

This HD Receiver is fully compliant with the international DVB standard and thus transmits digital images, sounds, information guides and teletext directly to your TV through the broadcasting.

Now you can comfortably see and receive digitally transmitted music, news, movie and sports broadcasts in your office or at your home.

In service search section, both the automatic service search method and the manual search mode are provided. You can save up to Endless TV and Radio services and work around with the favorite, Lock, Delete, Move and Sort functions.

The menu is very modern and supports multiple languages. All functions can be carried out using the remote control and some of the functions can also be carried out using the front panel. The HD Receiver is easy to use and adaptable for future advances. Please be aware that new software may change the functions of the HD Receiver.

If you have any difficulties concerning the operation of your HD Receiver, please refer to the relevant section of this manual, including the 'Troubleshooting'. This Manual will provide you with useful information on using the HD Receiver.

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3 FEATURES

- MPEG-Fully DVB-S / DVB-S2 HD compliant
- DVB-T/DVB-C
- Endless channels (TV and Radio) programmable
- Multilingual menu text support
- Channel list editing
- Favourite channel list editing
- True-color On-Screen Display (OSD)
- Full Picture In Graphic (PIG) function
- Electronic Program Guide (EPG) for on screen channel information
- Subtitle supported
- Teletext supported by software emulation
- Parental lock facility by channel and program event
- Program and Channel information transfer from receiver to receiver
- S/PDIF for digital audio or Dolby digital bit stream output
- DiSEqC 1.0, 1.1, 1.2 and USALS
- HDMI HD Video/Audio Output
- USB 2.0 Host
- VFD Display for service information
- RTC (Real-Time-Clock)
- Time Shift
- Video Recording
- Recording one channel and Time Shifting another channel (optional)
- Conax Embedded Card Reader
- FullHD 1080p output via HDMI
- AVI, MKV, MPG, TS, WMA, WMV, M2TS, FLV, DAT, ASF, MP3 playback
- YouTube, Shoutcast Radio, Picasa, Kartina TV, YouPorn and Portal Compatible
- Weather forecast & RSS Reader Functions
- Software Upgrade support via USB, RS232 or Internet
- Endless possibility with Plug-In support
- Message, FAQ and User Manual support
- Download files from FTP server
- Base on LINUX

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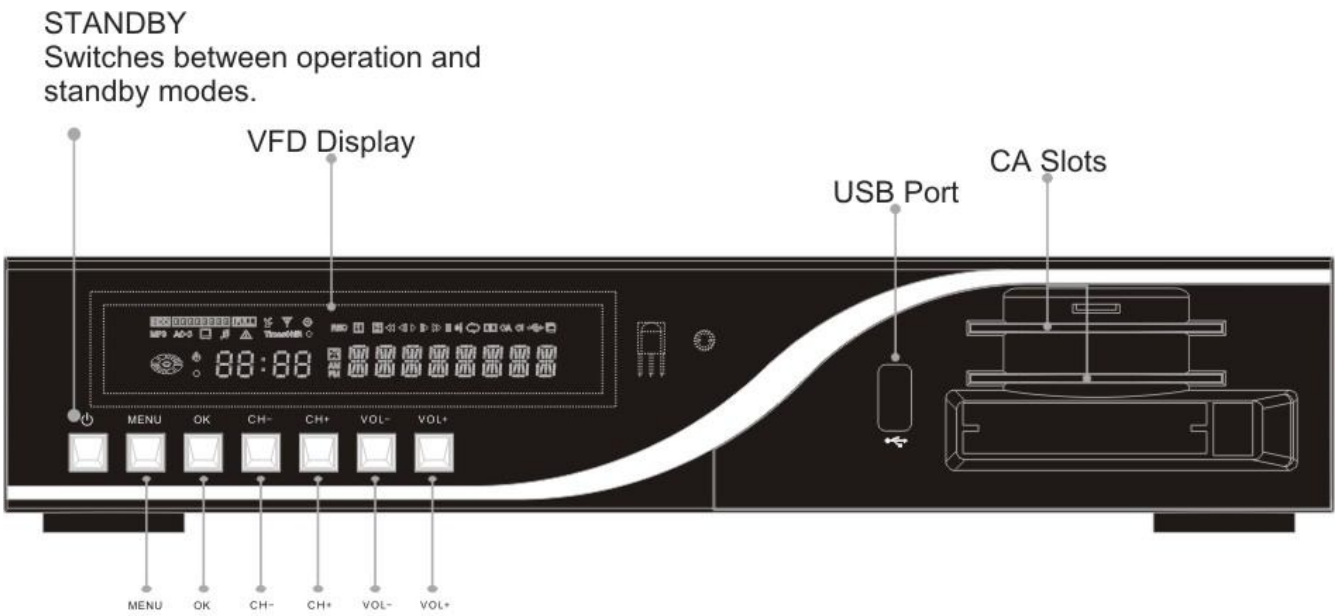
4 Quick Start Guide

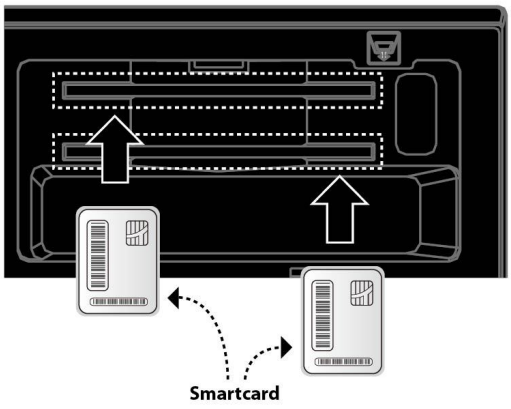
4.1 Front Panel

Open the hand flap on the front panel.



Note: The image shown may differ from the actual product.

Hold Smartcard horizontally with the electronic chip facing upwards. Then insert the Smartcard into the slot.



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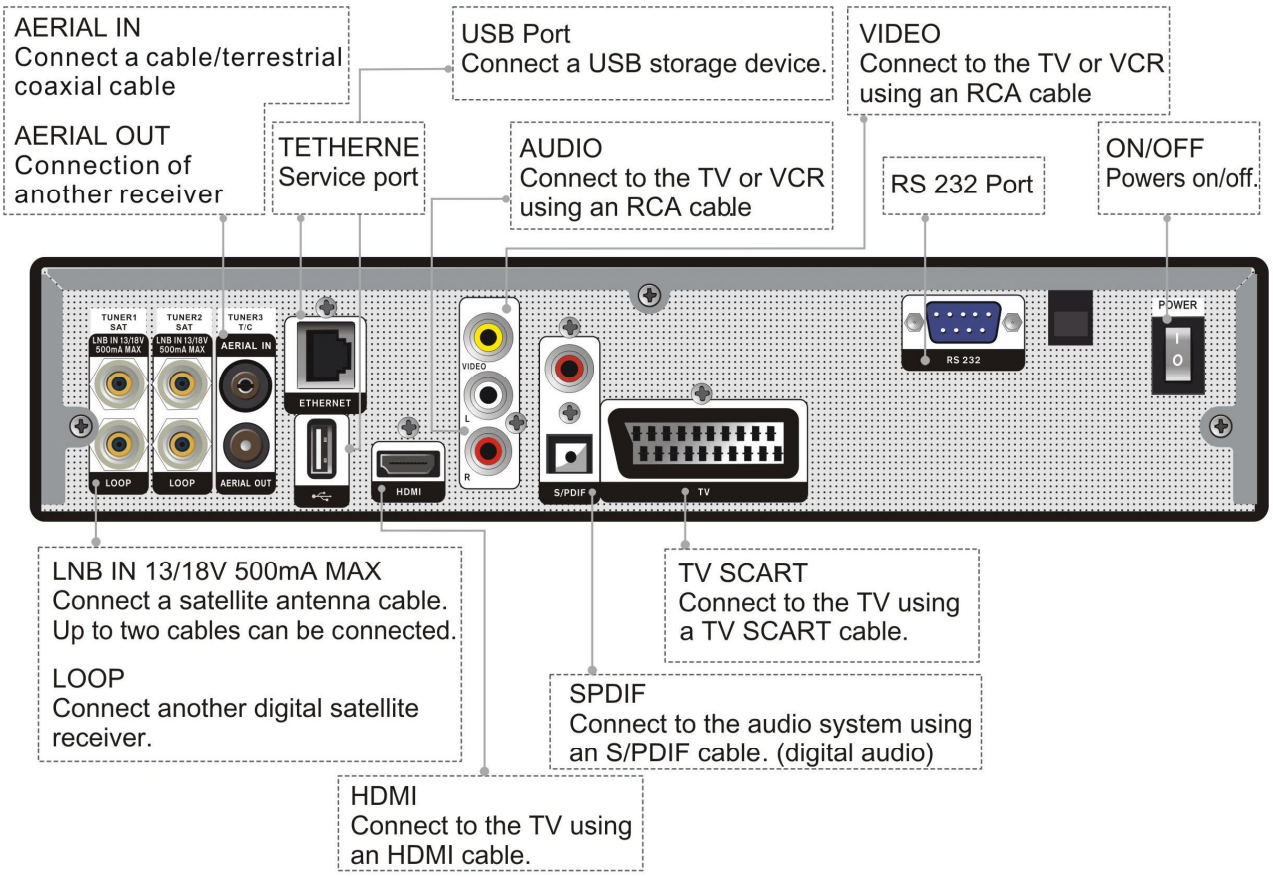
Basic Operations

4.2 Rear Panel



Note: The image shown may differ from the actual product.

4.3 Connections

This section describes how to connect your product to match your particular devices setup and to gain optimum signal quality. The product provides various interfaces to connect to the TV, VCR or other devices. Select the most appropriate depending on the device you have.

Warning: Connect all components before plugging any power cords into the wall outlet. Always turn off the product, TV and other components before you connect or disconnect any cables.

Note: If you encounter any problems setting up your product, please contact your local retailer helpline.

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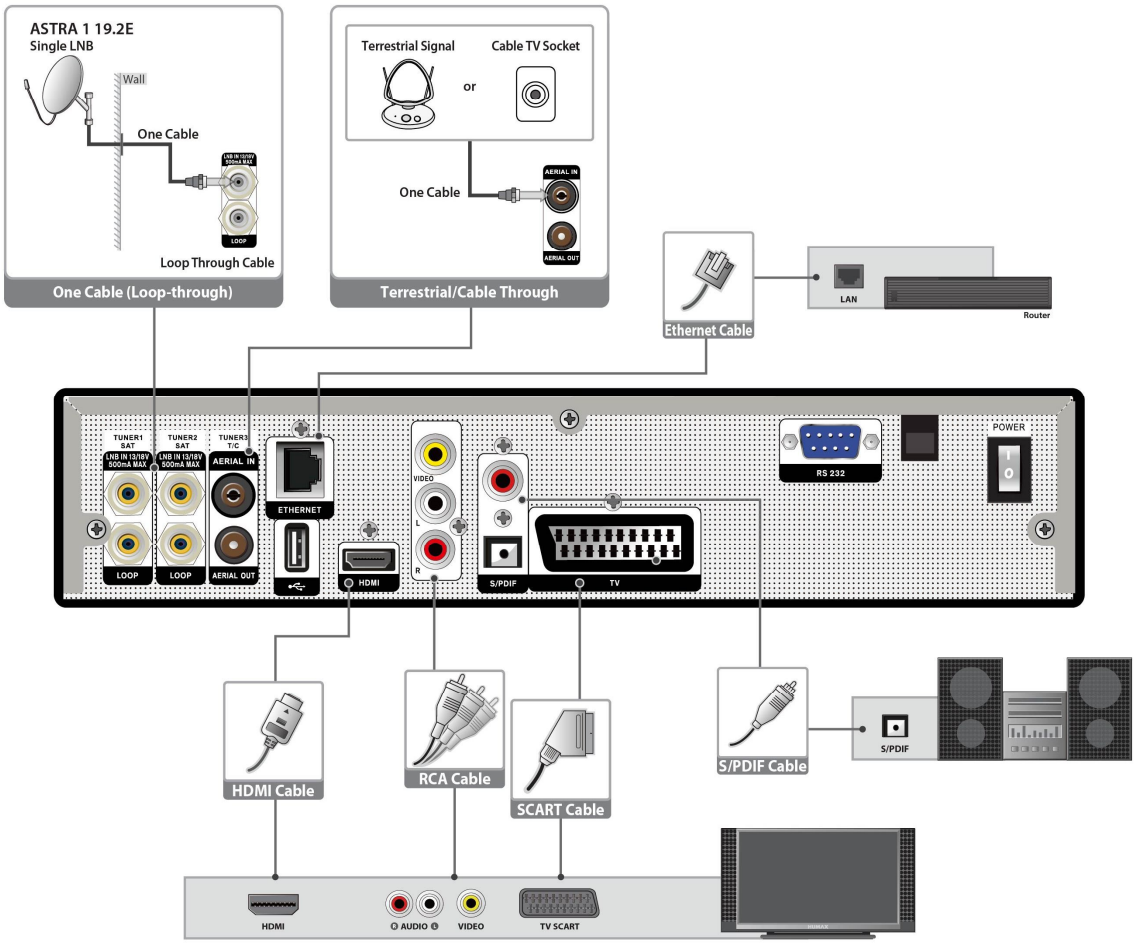

4.3.1 Connecting the Antenna

1. Connect one or two satellite coaxial cable from the wall to LNB IN.
2. Connect a cable/terrestrial coaxial cable to AERIAL IN.

Note: Cable and terrestrial can't concurrence.

4.3.2 Connecting the TV

1. **TV with the HDMI connector:**
   For the best picture quality, connect the product and TV using an HDMI cable.
2. **TV with the SCART connector:**
   For good picture quality, connect the product and TV using a SCART cable.
3. **TV with the AV connector:**
   To output video and audio, connect the product and TV using an AV cable.

Note:

1. When using the digital audio system, connect the product and the digital audio system using an S/PIF cable for audio.
2. Connecting your TV directly to the audio/video output of the product will assure a more vivid picture and

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enhance your viewing enjoyment.

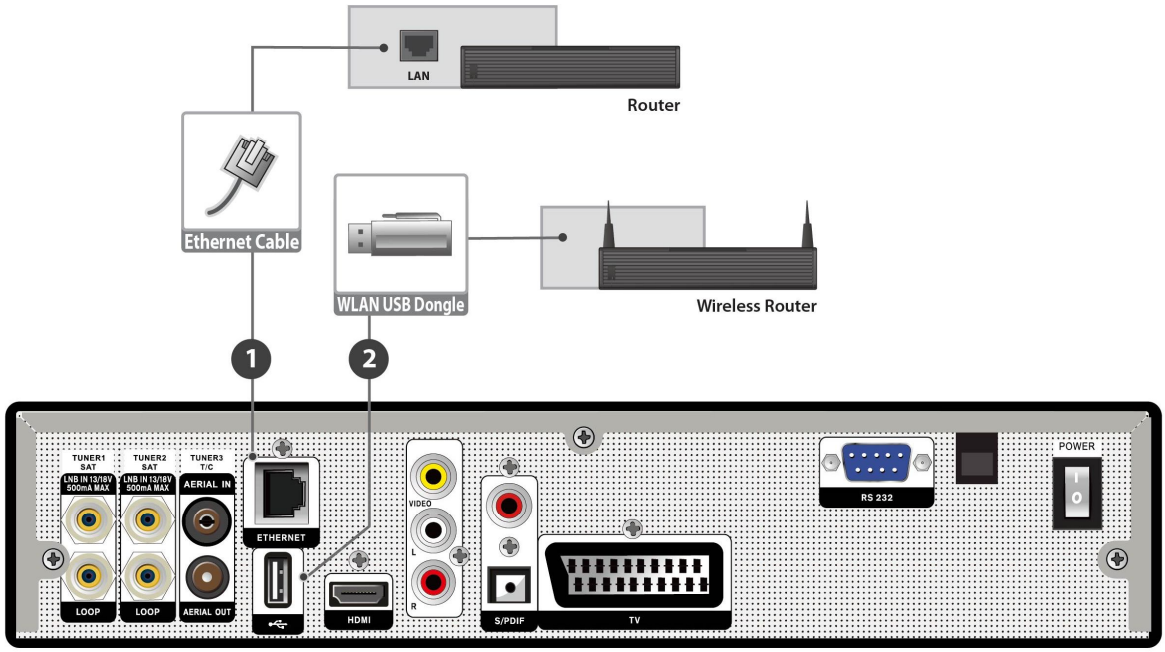
4.3.3 Connecting the Network

1. **Connecting to the LAN:**
   Connect one end of the Ethernet cable to the product and the other end to the LAN router.
2. **Connecting to the Wi-Fi (Wireless LAN):**
   You can connect the network via the Wi-Fi access point or DSL/cable modem.

a. Plug in the wireless USB dongle to the USB port.(Separate purchase required)
b. Set the options for the Wi-Fi.

- **Network Name (SSID):** Select the network name of your Wi-Fi access point from the list.
- **Security Type (WEP):** This product supports WEP 40/128bit ASCII and WEP 40/128bit HEX. The security type of the Wi-Fi and the product shall be set the same.
- **Password:** When using the security type, you must set the password. Enter the same password in the Wi-Fi setting menu.

3. **Connecting to the 3G**:
   Connect the network via the 3G card. Plug in the USB that has 3G card.



Note:

1. Make sure the distance between the Wi-Fi access point and the product is not too far away. This may lower the quality of service.
2. It is recommended to purchase a wireless USB dongle distributed by RT73, RT8192cu, RT3070, RT2870, RT2070, RT8712u, ZD1211b, ZD1211. Other products may not function or respond.
3. We recommend the network connection over a direct LAN.

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Basic Operations

4.4 Powering On/Off

1. Connect the power cord of the product to a wall outlet.
2. Turn on the power switch of the rear panel.
3. Power on/off by pressing the [⏻POWER] button on the remote control or [⏻POWER] button on the front panel.

? Frequently Asked Question

Q: The power of my STB has been turned on and not in Standby mode, but the TV screen showed nothing:

A: Make sure the TV set has been set to the correct video input (not the TV channels). For example, if you have connected the unit with the Video1 input of the TV set, the TV set has to be switched to Video1.

Q: The power of my STB has been turn on and not in Standby mode, but the TV screen showed nothing except popup window with "No Signal" information.

A: That means the channel, which you select, is no signal. Check connection of signal cable or contact operator.

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Basic Operations

4.5 Remote Control

You can power on/off the receiver, operate on screen menu, and use a variety of hot key function.

POWER

To switch your receiver on from standby or standby to on.

MUTE

Used to enable or disable the audio

NUMERIC KEYS

Used to select channels or enter programming parameters

TV / RADIO

Receiver switches between TV and Radio mode.

(ZOOM)

Press key select zoom times, from X1 to X16.

(RECALL)

Return to the previous menu or status.

AUDIO

Audio channels setup, to select audio mode; Left, Right , Stereo, Mono.

TV/SAT

Receiver switches between TV and receive mode.

INFO

To display channel status or various program information.

EPG

Display the Programs guide on screen when available.

MENU

Displays the Main Menu on the screen, or return to the previous menu or status.

EXIT

Cancel the user selection and return to the viewing mode from a menu.

OK

To select menu option, or to updated on entry.

◄,►KEY

To adjust volume level, or to move cursor left or right in the menu.

▼,▲KEY

To change channels, or to move cursor up or down in the menu.

P+ / P-

To move up the cursor to the next or previous page in the menu or channel list.

V+ / V-

To adjust volume level.

PORTAL

To display the navigation menu in Opera.

●RECORD

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Basic Operations

To start the recording.

TXT

Shows teletext or subtitle information of the current channel supports.

OPTION

Shows NVOD information of the current channel supports.

Blue Button

Into the multi-screen function in full screen.

(FIND)

Use to prompt find channels sort by character.

SLEEP

Press timer key you can setup up the Standby time.

V.FORMAT

Press V.FORMAT button to switch the display mode among "Auto", "480", "576","720","1080I" and "1080P".

FAV(FAVORITE)

To set receiver to the favorite server mode,
display the favorite channel.

SAT

Display the satellite list at normal picture.

FOLDER

Press this button to enter the Record Manager menu directly.

Time Shift

Press this button to display Time Shift info bar.

Play

To play the MP3, JPEG, or Record files. And to display Time Shift info bar.

Stop

To stop the Time Shift, recording, or MP3/JPEG player.

PAUSE

Used to select the freeze function.
Press once to freeze the screen picture.

/ (PAGE- / PAGE+)

To start Fast Backward / Forward function.

/

Switch to previous / next file when play more files

USB

To remove the USB Hard Disk safely.

/ (PREV / NEXT)

Jump to beginning / end of the file in play mode

PLAYMODE

switch playing mode to order, single cycle and circulation list.

F1

To display quickbar menu in full screen.

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F2/F3

Reserved buttons

4.6 Easy Install

This menu to help you set basic function quickly.

- ❖ When the STB is first used, there will show the **Easy Install** menu.
- ❖ When you used the Factory Reset function in **System/Basic Setting/Factory Default** menu, it also will show the **Easy Install** menu after reboot.

Note: If the software has default channel list, the STB will play the first channel in the list.

4.6.1 Language Setting

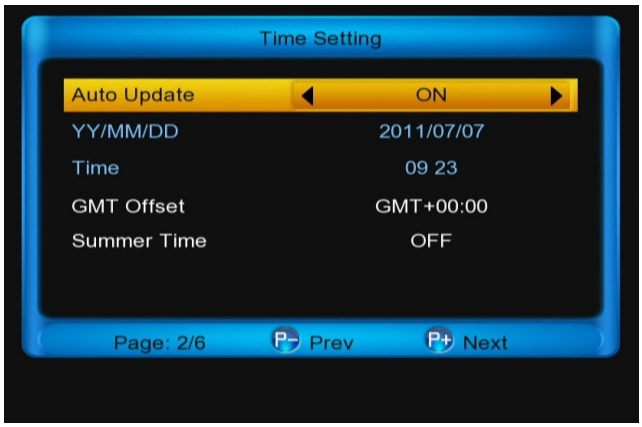
Language setting allows you to select the main language.

Select the appropriate language with the **[▲, ▼]** and **[◄, ►]** buttons.

In this menu:

Press **[P+]** button to save it and go to the time Setting menu.

4.6.2 Time Setting



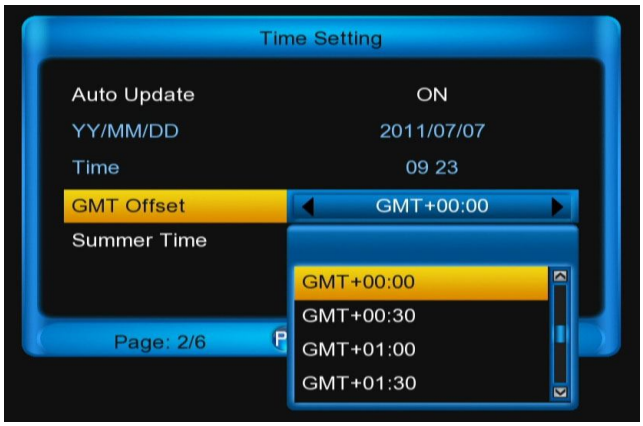
Time setting allows you to set the system's time. It will display on front panel with LCD, and **info bar**.

In this menu:

Press **[P+]** button to go to the **Network Setting** menu.

Press **[P -]** button to go to the **Language Setting** menu.

1. **Auto update:** Press **[ok]** button, then press **[▲, ▼]** buttons, at last press **[ok]** button Or **[◄, ►]** buttons select an option.
   a. **ON:** Get the time from the channel info that you will watch.
   Note: Now the date and time does not edit.
   b. **OFF:** You need manual set the date and time.
   Note: Now you can't edit the GMT offset option.
2. **YY/MM/DD:** Press number key to set the date.
3. **Time:** Press number key to set the time.
4. **GMT Offset:** Press **[ok]** button, then press **[▲, ▼]** buttons, at last press **[ok]** button. Or **[◄, ►]** buttons to select appropriate option.



5. **Summer Time:** Press [ok] button, then press **[▲, ▼]** buttons, at last press **[ok]** button Or **[◄, ►]**buttons to select **ON** or **OFF**.

4.6.3 Network Setting

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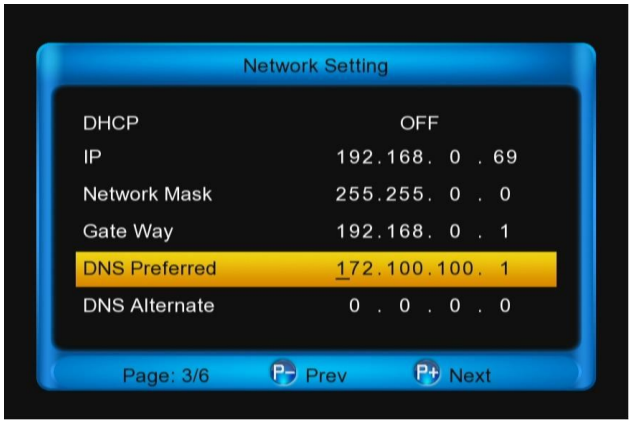

Network Setting
DHCP OFF
IP 192.168. 0 . 69
Network Mask 255.255. 0 . 0
Gate Way 192.168. 0 . 1
DNS Preferred 172.100.100. 1
DNS Alternate 0 . 0 . 0 . 0
Page: 3/6
P- Prev
P+ Next

Network Setting allow you setting for connect internet.

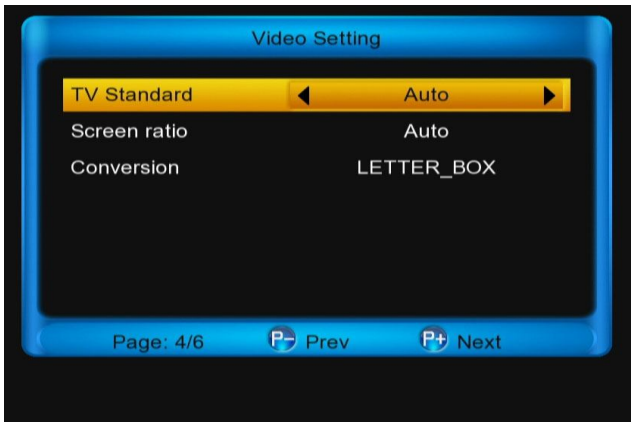
If you connect the LAN and it has DHCP service. At **DHCP** option, press [ok] button, then press **[▲,▼]** buttons, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **ON** . If not DHCP service, you need select **OFF**, you need config the network by manual.

In this menu:

Press **[P+]** button to go to the **Video Setting** menu.

Press **[P-]** button to go to the **Time Setting** menu.

4.6.4 Video Setting



Video setting allow you setting for display format and resolution.

1. **TV Standard:** Press **[◄, ►]** buttons to switch video resolution circularly by the sequence "480<-> 576<-> 720<-> 1080i<->1080p<-> Auto". Or press **[ok]** button, and select it with **[▲, ▼]** buttons, then press **[ok]** button to confirm.

   Note:

   1) Auto means system will set the video output resolution according to the program, it's playing, different resolution programs switching perhaps will makes TV screen flickering.

   2) When you connect with A/V or SCART, the TV has output that only you change to resolution the TV supports.

2. **Screen ratio:** Press **[◄, ►]** button to switch video resolution circularly by the sequence " 4:3<-> 16:9<-> Auto. Or press **[ok]** button, and select it with **[▲, ▼]** buttons, then press **[ok]** button to confirm.

   4:3: Auto - Letterbox - Centre

   16:9: Auto - Pillar Box - Zoom

   Auto: The display format follow the channel details

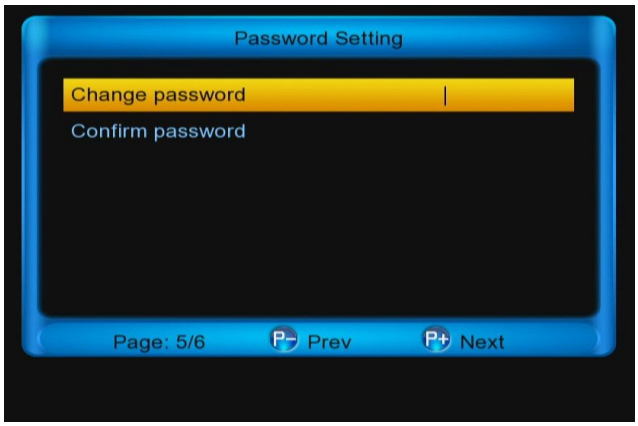
3. **Conversion:** Press **[◄, ►]** buttons to switch the manner circularly by the sequence " LETTER_BOX<-> PAN_SCAN<-> COMBINED<-> IGNORE. Or press **[ok]** button, and select it with **[▲, ▼]** buttons, then press **[ok]** button to confirm.

In this menu:

Press **[P+]** button to go to the **Network Setting** menu.

Press **[P -]** button to go to the **Password Setting** menu.

4.6.5 Password Setting



Password Setting Change the system password, the default password is 0000.

In this menu:

Press **[P+]** button to go to the **config Setting** menu.

Press **[P -]** button to go to the **video Setting** menu.

4.6.6 Config Setting

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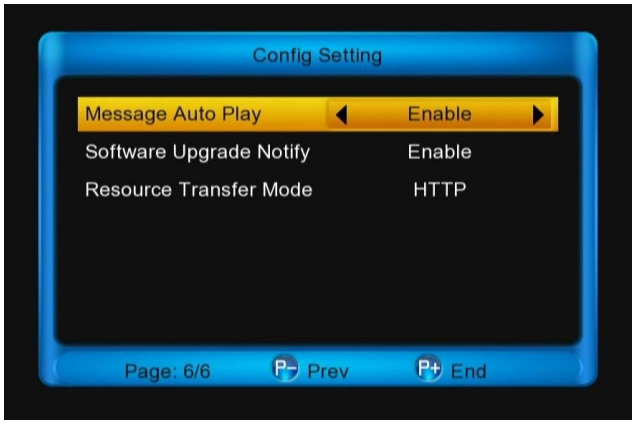

config Setting allow you config sth about online.

Message auto play: Press **[◄, ►]** buttons to switch it between **Enable** and **Disable**.

Enable : Allow the message auto play in full screen when it play video.

Disable: The message can't auto play in full screen when it play video.

Software Upgrade Notify: Press**[◄, ►]** buttons to switch it between **Enable** and **Disable**.

Resource Transfer Mode: Press **[◄, ►]** buttons to switch it between **HTTP** and **FTP**.

4.7 SCAN CHANNEL

Go to **menu/Install/Satellite Install/Satellite**, select an appropriate satellite and then press **[red]** button to scan channels.

Note: If don't scan channels, please contact the local satellite antenna supply.

5 Basic Operations

5.1 Changing channels

You can change the channels in several ways.

- Press the **[▲, ▼]** buttons in the full screen.
- Enter the channel number directly with number buttons.
- Go to the **TV List** or **Organizing Channel** and select a channel.

Note:

- Press the **[TV/RADIO]** button to switch between TV and radio channels.
- Press the **[RECALL]** button to return to the previous ten channels.

5.2 Volume/Mute/Audio

To adjust the audio volume, press the **[,]** or **[V+, V-]** buttons.

To mute the audio temporarily, press the **[MUTE]** button.

5.3 Setting audio options

Audio options are available only when the programme

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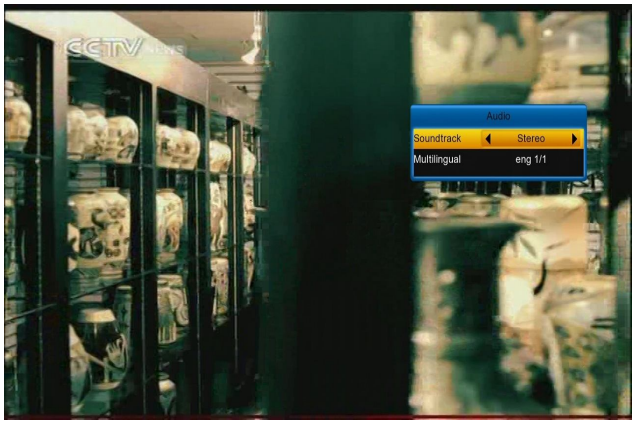
supports multiple audio languages.

Press the **[AUDIO]** button to change the audio language and direction.

Each time you press the **[◄, ►]** buttons, the value changes.

Note: The mute function remains set while you change channels.



5.4 Display Resolution

Press the **[V.Format]** button to set the resolution of the screen.

Each time you press this button, the value changes.

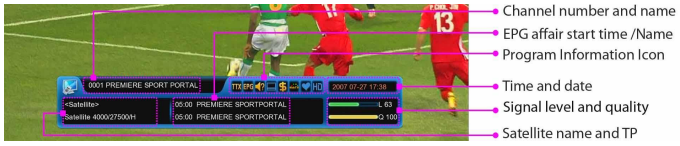
480<-> 576<-> 720<-> 1080i<->1080p<-> Auto

Note: When you connect with A/V or SCART, the TV has output that only you change to resolution the TV supports.

5.5 Info bar

The info bar is display informations about the channel of the time whenever you change channels. Press the **[INFO]** button while it hide. Press the **[EXIT]** button to hide.

Note: It not displayed when not channels.



: This icon highlight, the channel has Teletext.

: This icon highlight, the channel has EPG.

: This icon highlight, the channel has multilingual in audio.

: This icon highlight, the channel has subtitle.

: This icon highlight, the channel is Scrambled.

: This icon highlight, the channel is HBBTV.

: This icon highlight, the channel is added favourite channel.

: This icon highlight, the channel is HD.

5.6 Sleep timer

Press the **[SLEEP]** button to set the automatic turn off time.

Each time you press this button, the value changes.

OFF - 120 - 90 - 60 - 30 - 20 - 10 minutes

5.7 TV/SAT

Press **[TV/SAT]** key can switch between TV mode and STB mode

5.8 Pause

1. In playing mode, press **[II PAUSE]** button, the picture will be paused, but the sound of the channel will still continues.
2. Press **[PLAY]** button, the screen's picture will skip over to the current playing picture, and the sound of the channel will corresponding playing.

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Basic Operations

CCTV NEWS
NORWAY ATTACKS
SUSPECT'S DETENTION HEARING
US Secretary of State Hillary Clinton's mission to Asia overshadowed by

5.9 Zoom

The **[ZOOM]** button allows you to magnify a certain area on the images.

Each time you press this button, the enlarge value changes.

x1, x4, x9, x16

Using**[◄, ►] & [▲▼]**buttons to move the image center area you want to see. And press [EXIT] button to exit.

5.10 NVOD

Press **[OPTION]** button in full screen, it display NVOD menu if it has NVOD. Or it will show "no option channel".

5.11 Teletext

Teletext is a free service broadcast which gives the latest information on news, weather and many other topics. You can use interactive services in teletext mode.

All teletext supporting channels have the **TTX** icon display highlight on the info bar.

1. Press **[TTX]** button and select **TTX**.
2. Press **[▲, ▼]** button to select the language.
3. Press **[ok]** button.
4. Using**[◄, ►] & [▲▼]**buttons to switch information.

5.12 Subtitle

All subtitle supporting channels have the **subtitle** icon display highlight on the info bar.

1. Press **[TTX]** button and select **subtitle**.
2. Press **[▲, ▼]** button to select the language.
3. Press **[ok]** button.

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Basic Operations

5.13 Quick bar

Press **[F1]** button to display the menu. It show weather message, time and state of NET and USB, and has shortcut to enter to "**weather**" menu. It also has **message box** and **manage of USB memory**.

Message box is show the system message, like notify of the new software.

5.14 Manage of USB memory

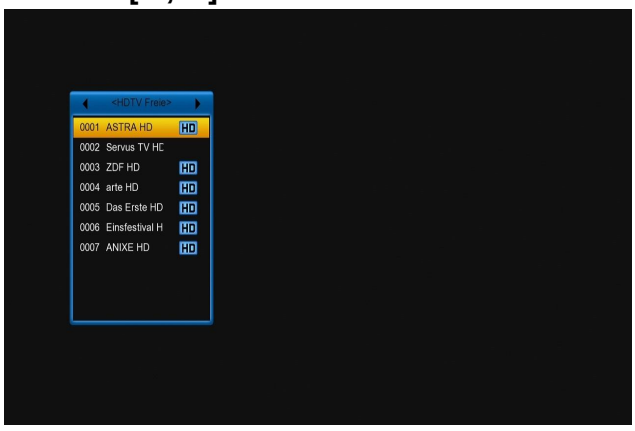
1. Press **[yellow]** button to Add New Folder, Copy, Cut, Paste, Rename and Delete functions
2. Press **[blue]** button to sort the files or folders by **Name**, **Size** or **Time**.

5.15 Change Satellite

1. Press **[SAT]** button.
2. Press **[▲, ▼]** buttons to select Satellite.
3. Press **[ok]** button.

5.16 Change Favourites group

1. Press **[FAV]** button.
2. Press **[◄, ►]** buttons to select one favourites group.
3. Press **[▲, ▼]** buttons to select channel.



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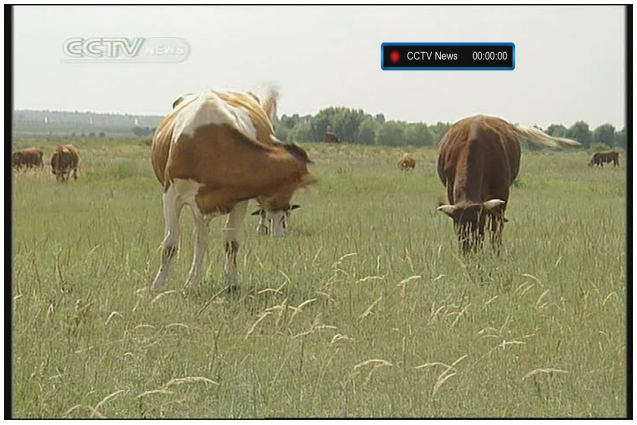
5.17 Recording

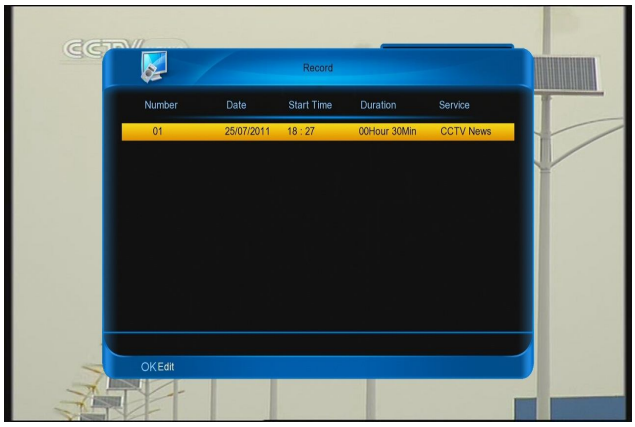
In full screen:

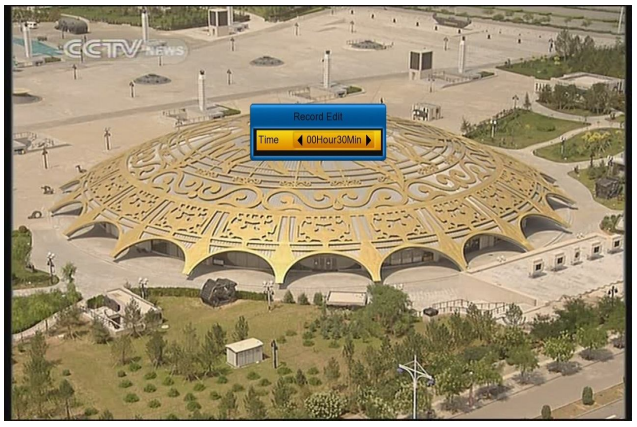
1. Press **[REC]** button to start recording.
2. Press **[REC]** button again to pause recording.
3. Press **[PLAY MODED]** button to enter into **Record** menu.
4. Press **[▲, ▼]** buttons to select an option.
5. Press **[ok]** button to enter into **Record Edit** menu.
6. Press **[◄, ►]** buttons to change the duration.
7. Press **[STOP]** button to stop recording.

Note:

1. Now it support two recordings.
2. You can record radio programmes also.
3. The record banner will be display whenever pressing **[INFO]** button.
4. You also can change the recording duration in **menu > System > PVR/HDD Setting > Record setting > Duration**.
5. When a new scheduled recording starts while a recording is already in progress, the record banner will be displayed for a few seconds to information that the recording has been started. If you are watching the channel being recorded, a record notice will pop – up 6 seconds before the scheduled recording starts, and the channel will switch to the scheduled programme automatically at the start time.
6. Press the **[POWER]** button while recording will not stop the recording, a information displayed for record will stop after 6 seconds before and standby. If you select NO it will don't standby and still recording.
7. Ensure that there is enough free space before recording. If the free space on the hard disk drive is insufficient, recording will stop. Recording one hour of programme may require up to 2 or 3 GB of hard disk space. The space for recording a 1 hour programme may differ depending on the preogramme.
8. To view the recorded programme list, go to **menu > File list > Record menu**.







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Basic Operations

5.18 Play the recorded file when it recording

1. Press **[PLAY]** button to start play the recorded file.
2. Press **[PAUSE]** button to pause play.
3. Press **[◄, ►]** buttons to jump the playing place.
4. Press **[PAGE-, PAGE+]** button to play fast.
5. Press **[PREV/NEXT]** button to jump the head/end of the file.
6. Press **[STOP]** button to stop play.

5.19 Timeshift

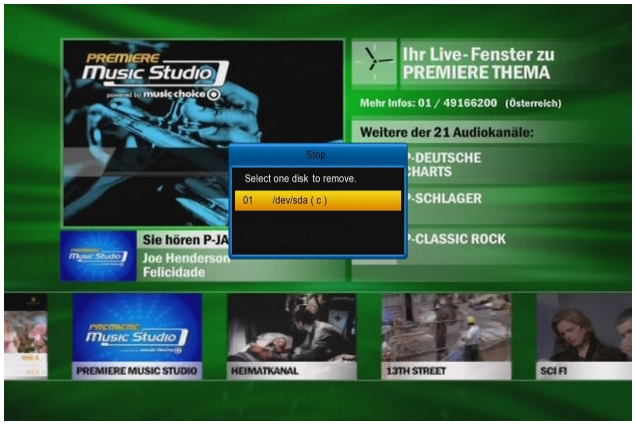
Timeshift is a aptotic big recording. When is full, it will lost the head file to still recording. When Timeshift is enable :

1. Press **[PLAY]** button to play the file.
2. Press **[PAUSE]** button to pause play.
3. Press **[◄, ►]** buttons to jump the playing place.
4. Press **[PAGE-, PAGE+]** buttons to play fast.
5. Press **[PREV/NEXT]** button to jump the head/end of the file.
6. Press **[STOP]** button to stop play.

Note: If you change channel, the path or the time, it will restart.

5.20 Unmount USB Disk

1. Press **[PLAY MODE]** button.
2. Press **[▲, ▼]** buttons to select the disk.
3. Press **[ok]** button.
4. Select **YES** and press **[ok]** button



5.21 HBBTV

When **info bar** has icon, it mean this channel has HBBTV service. First make sure the service is **ON** in **System/Basic Setting/Miscellaneous Setting/HBBTV** menu. In these channels, when the message display, press **[red]** button to enter into the correlative internet point

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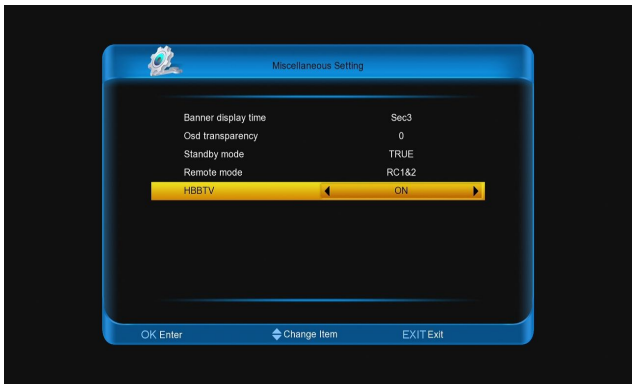

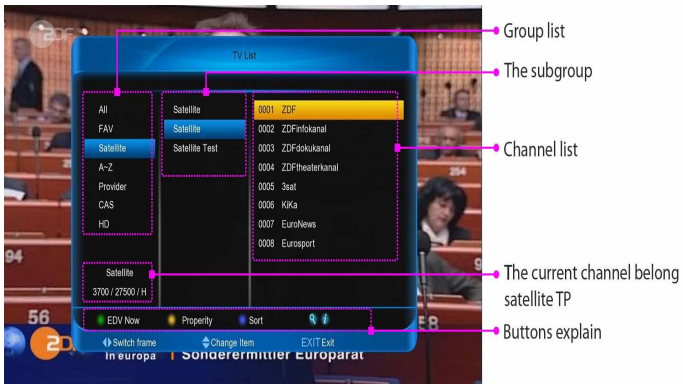

6 Channel

6.1 TV/Radio list

The channel list will help you find the channel you want to watch or edit quickly and easily.

You can access the channel list in several ways.

- ❖ In full screen, press **[ok]** button the list will show in mid.

Note: Can only operate for one channel.

6.1.1 Changing Channels

Select the channel you want to watch and press the **[ok]** button. The displayed channel will change.

1. : Locked channel, : Scrambled channel (CAS icons)
2. Press the **[ok]** or **[Exit]** button to exit.
3. Press **[TV/Radio]** button to switch between TV and Radio list.
4. Press **[P+/P-]** button to skip to the next page.

6.1.2 Changing group

You can display the list of the selected channel group.

(All, FAV, Satellite, A-Z, Provider, CAS, HD, Broadcaster.)

1. Press **[▲, ▼]** buttons.
2. Select a channel group.

6.1.3 Display channel detail information

You can display the **information** menu to know the information,**service, satellite, TP, vid/aud pid, Pcr/pmt pid, service id, Frame Status, Provider ,CAS** about the channel.

1. Press **[▲, ▼]** buttons.
2. Select a channel.
3. Press **[INFO]** button. And press again to cancel.

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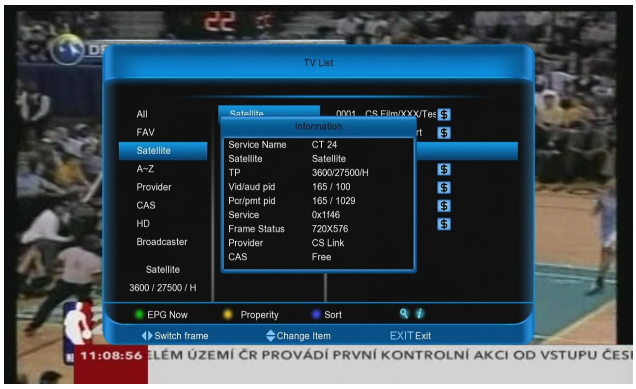
Channel



6.1.4 Sorting channels

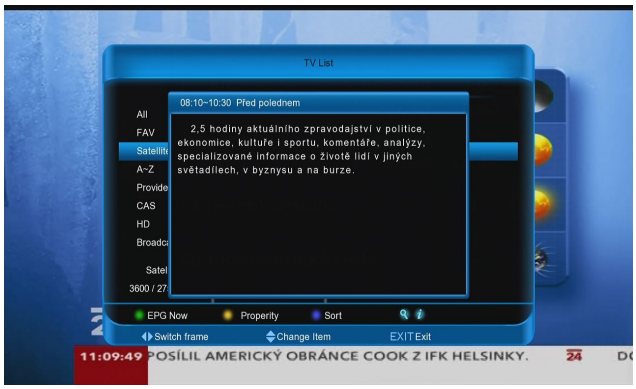
Sort the list by:

Number, A-Z, Free+CAS, CAS+Free, TP

1. Press **[blue]** button.
2. Press **[▲, ▼]** buttons to select an option.
3. Press **[ok]** button.

6.1.5 Watch EPG

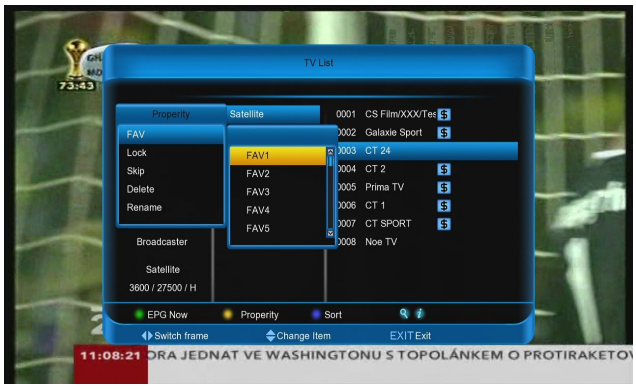
1. Press **[green]** button to display the EPG now.
2. Press **[ok]** or **[EXIT]** button to exit.


TV List
08:10~10:30 Před polednem
2,5 hodiny aktuálního zpravodajství v politice, ekonomice, kultuře i sportu, komentáře, analýzy, specializované informace o životě lidí v jiných světadílech, v byznysu a na burze.
EPG Now
Properity
Sort
Switch frame
Change Item
EXIT Exit
11:09:49

6.1.6 Adding favourite channel

1. Press **[yellow]** button.
2. Select **FAV** and press **[ok]** button.
3. Select **FAV** groups that you want.
4. Press **[EXIT]** to save and exit.

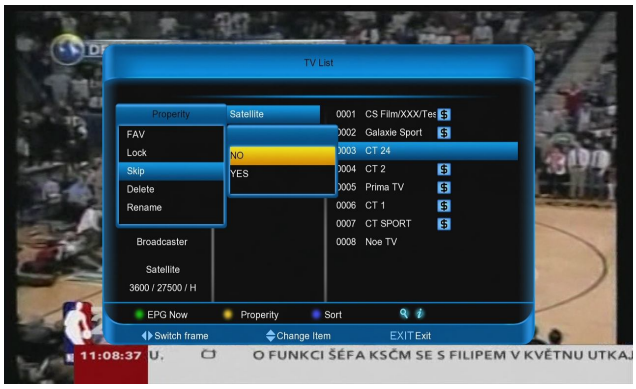
Note: Do it again to cancel the favourite channel



6.1.7 Skipped channel/Cancel skip channel

You can't watch this channels with **[▲▼]** button in full screen.

1. Press **[yellow]** button.
2. Press **[▲▼]** buttons select skip.
3. Press **[ok]** button.
4. Press **[►]** button.
5. Press **[▲▼]** buttons.
6. Select **YES** and Press **[ok]** button to set the highlight channel.
7. Select **NO** and Press **[ok]** button to cancel set the highlight channel.



6.1.8 Locking/Deleting/Renaming

1. Press **[yellow]** button.
2. Select an option.
   - ➢ **Lock:** Select **ON** or **OFF**, and Press **[ok]** to

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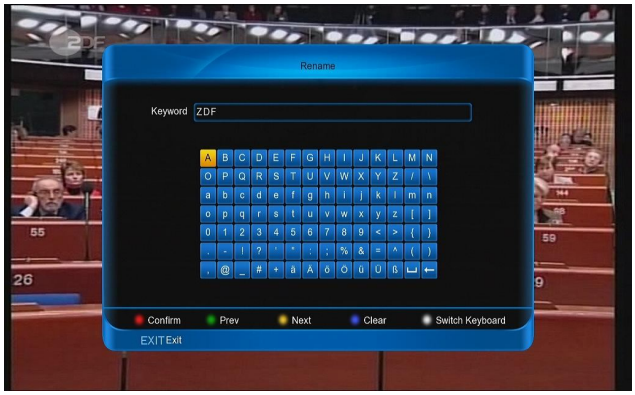
save and exit.

- **Delete:** Press **[ok]** button, and Press **[ok]** to save and exit.
- **Rename:** Press **[ok]** button and enter the name in the keyword, then press **[red]** to save and exit.

Note: Cancel lock need input password.(If you not change the password is 0000)



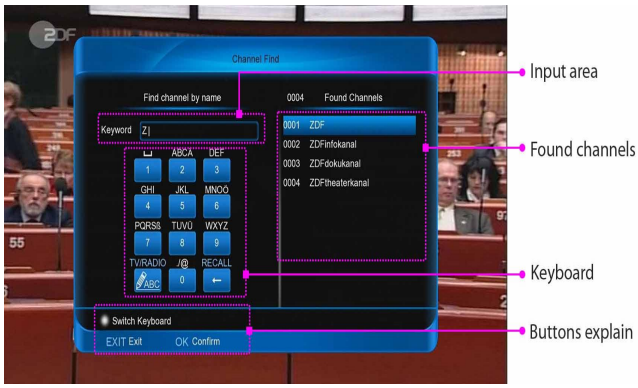
6.1.9 Find channel

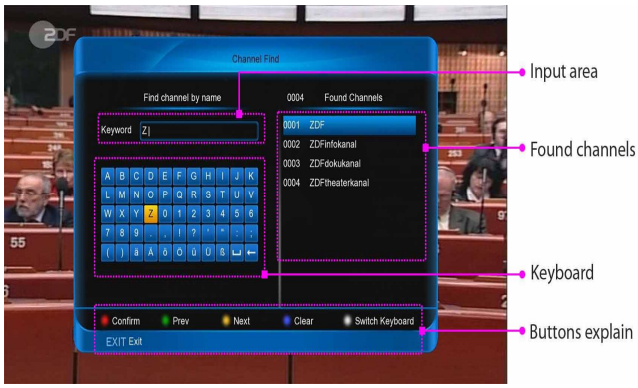
Find channel in currently group.

1. Press **[FIND]** button.
2. Input channel name to keyword.
3. Press **[red]** to confirm.

Note:

1. Press **[green]** button to move cursor preceding.
2. Press **[yellow]** button to move cursor next.
3. Press **[blue]** button to clear the keyword.





6.2 Managing Channels

6.2.1 Organizing Channel

Go to **MENU/Channel/Organizing Channel** menu will help you to manage the channels.

Note:

1. Press **[TV/Radio]** button to switch between TV and Radio list.
2. Press **[P+/P-]** button to skip to the next page.

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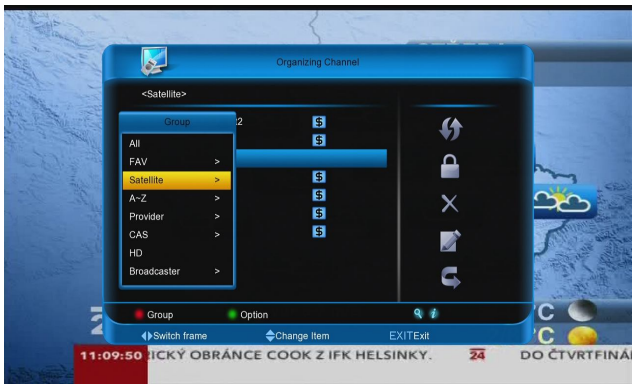
Channel

6.2.1.1 Changing group

You can display the list of the selected channel group.

All, FAV, Satellite, A-Z, Provider, CAS, HD, Broadcaster.

1. Press **[red]** button.
2. Press **[▲, ▼]** buttons, select a channel group.
3. Press **[ok]** button.

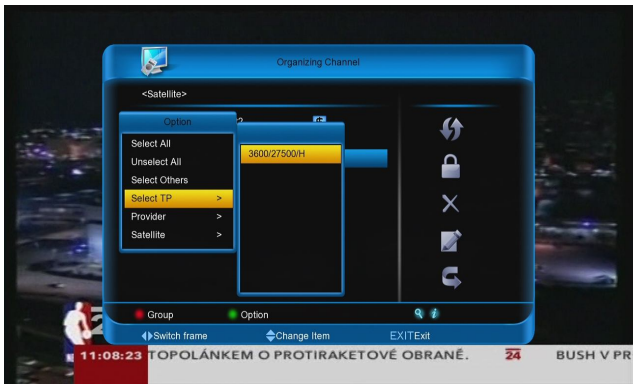


6.2.1.2 Selecting channel

You can using **[ok]** button to select one by one, or select channel quickly by **option** menu,

Select All, Unselect All, Select Others, Select TP, Provider

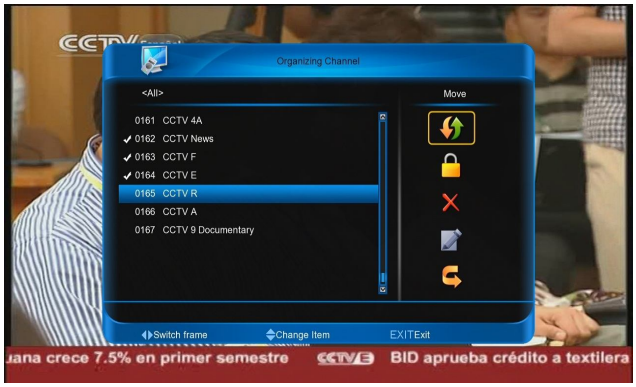
1. Press **[green]** button.
2. Press **[▲, ▼]** buttons, select a channel group.
3. Press **[ok]** button.



6.2.1.3 Moving channel

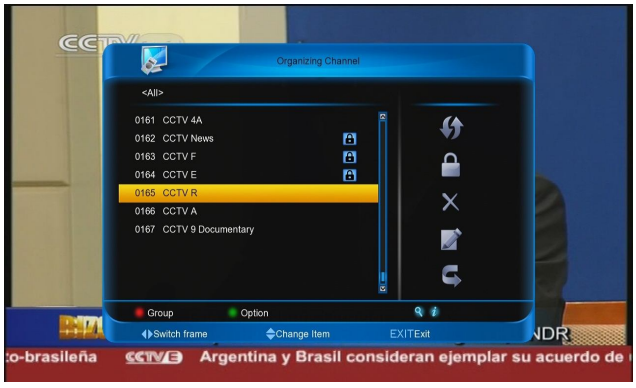
You can move the order that you select channels.

1. Press **[►]** button.
2. Select **Move** and press **[ok]** button.
3. Press **[▲, ▼]** buttons to move.
4. Press **[ok]** button.



6.2.1.4 Locking/Deleting/Renaming/Skiping

1. Press **[►]** button.
2. Select an option.
   - **Lock:** Press **[ok]** to save and exit.
   - **Delete:** Press **[ok]** button.
   - **Rename:** Press **[ok]** button and enter the name in the keyword, then press **[red]** to save and exit.
   - **Skiping:** Press **[ok]** button.



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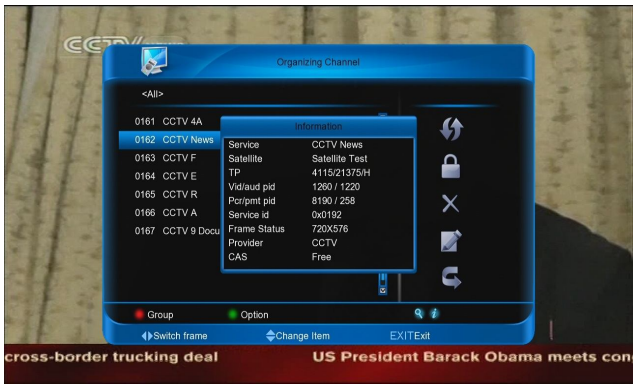
Channel

6.2.1.5 Display channel detail information

You can display the **information** menu to know the information,

service, satellite, TP, vid/aud pid, Pcr/pmt pid, service id, Frame Status, Provider CAS about the channel.

1. Press **[▲, ▼]** buttons to select a channel.
2. Press **[INFO]** button. And press again to cancel.



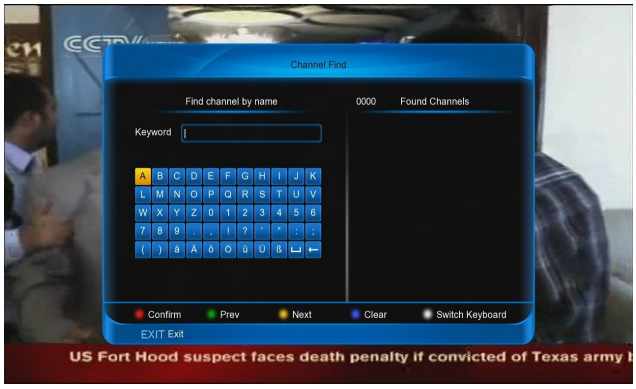
6.2.1.6 Find channel

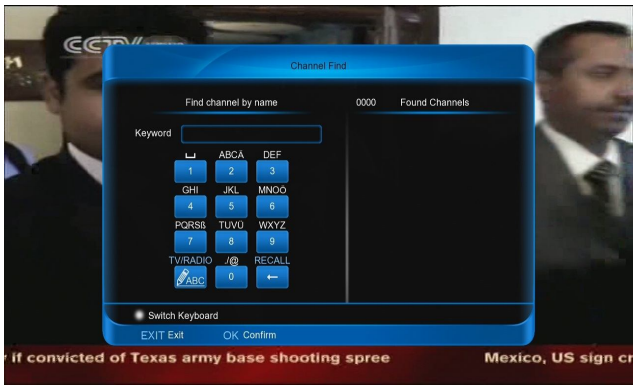
Find channel in currently group.

1. Press **[FIND]** button.
2. Input channel name to keyword.
3. Press **[red]** to confirm.

Note:

1. Press **[green]** button to move cursor preceding.
2. Press **[yellow]** button to move cursor next.
3. Press **[blue]** button to clear the keyword.
4. Press **[white]** button to switch the input mode.



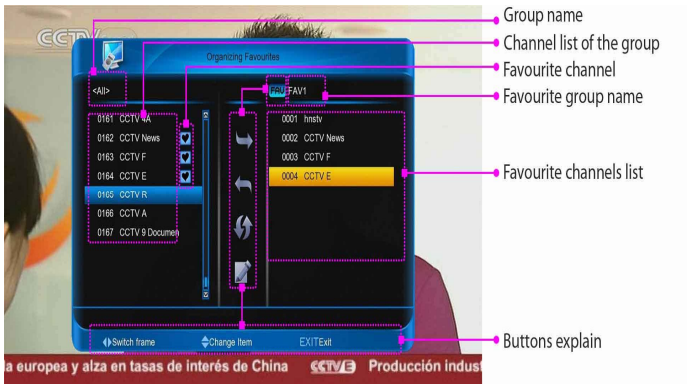


6.2.2 Organizing Favourites

Go to **MENU/Channel/Organizing Favourites** menu to add favourites channel to the favourite group.

Note:

1. Press **[TV/Radio]** button to switch between TV and Radio list.
2. Press **[P+/P-]** button to skip to the next page.



6.2.2.1 Adding favourite channels/Cancel favourite channels

1. Select channels with **[ok]** or **option**
2. Press **[►] / [◄]** button.
3. Select **Add FAV/Remove**.
4. Press **[ok]** button.

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Note:

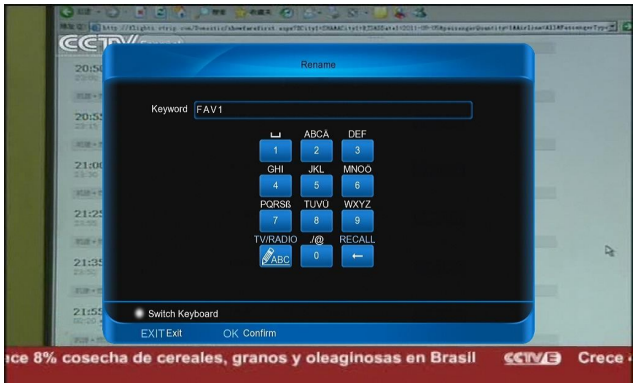
1. When you cancel favourite channels, you can only using **[ok]** to select.
2. All favourite channels in the right column.

6.2.2.2 Renaming for FAV group

1. Press **[►] or [◄]** button.
2. Select **Rename**.
3. Press **[ok]** button to input the name in keyword.
4. Press **[red]** button.

Note:

1. Press **[green]** button to move cursor preceding.
2. Press **[yellow]** button to move cursor next.
3. Press **[blue]** button to clear the keyword.

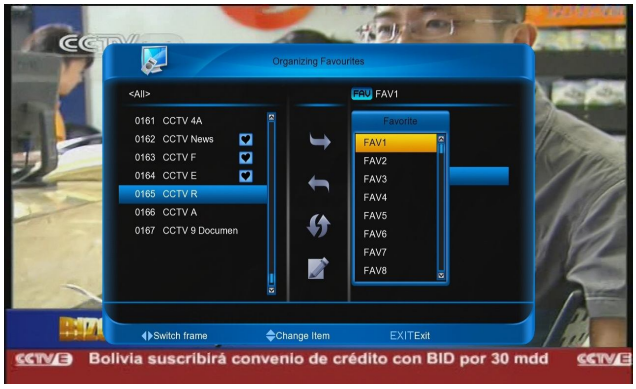


6.2.2.3 Moving favourite channels

1. Press **[◄]** button.
2. Select **Move** and Press **[ok]** button.
3. Press **[▲, ▼]** buttons.
4. Press **[ok]** button.

6.2.2.4 Changing favourite group

1. Press **[FAV]** button.
2. Press **[▲, ▼]** buttons to select a group.
3. Press **[ok]** button.



7 EPG

The **EPG(Electronic Programme Guide)** displays the detailed programme information of each channel, in time and date order. You can customize your own programme guide to list the channels or programmes of interest to you and schedule your viewing using the programme information.

Note:

1. Press **[INFO]** button to view detailed information of the chosen programme.
2. Press **[P+/P-]** button to skip to the next page.
3. Press **[TV/Radio]** button to switch between TV and Radio list.

7.1 Changing Group

You can display the list of the selected channel group.

All, FAV, Satellite, A-Z, Provider, CAS, HD.

1. Press **[red]** button ant then press **[▲, ▼]** buttons.
2. Select a channel group.
3. Press **[ok]** button.

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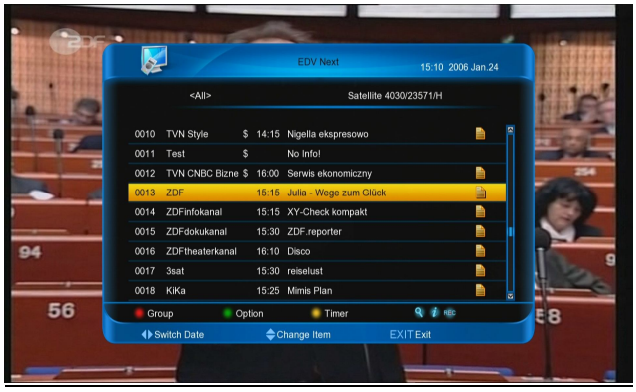


7.2 Find channel

Find channel in currently group.

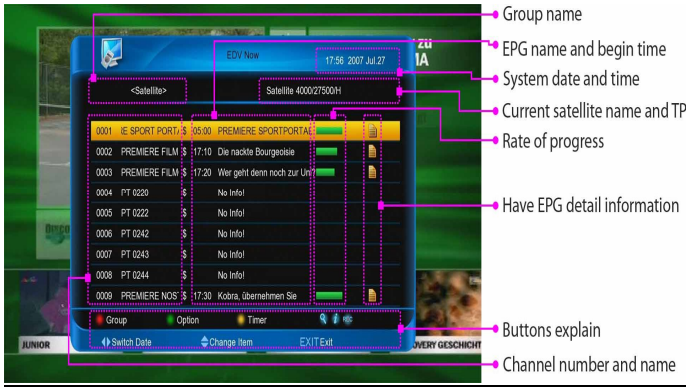
1. Press **[FIND]** button.
2. Input channel name to keyword.
3. Press **[red]** to confirm.

Note:

1. Press **[green]** button to move cursor preceding.
2. Press **[yellow]** button to move cursor next.
3. Press **[blue]** button to clear the keyword.
4. Press **[white]** button to switch the input mode.

7.3 EPG now/next list

The list show **now/next** EPG for the current channel.



7.4 Switch EPG between now/next

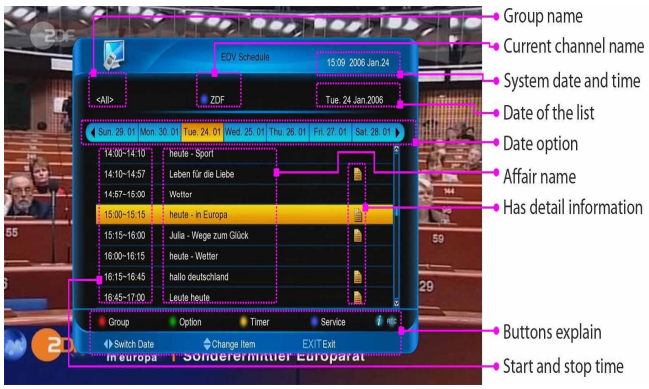
There are two ways to switch EPG now and next list.

- ❖ Press **[◄, ►]** buttons to switch the list EPG between now and next.
- ❖ 1. Press **[green]** button.
  2. Select **EPG Now** or **EPG Next** with **[▲, ▼]** buttons.
  3. Press **[ok]** button.

7.5 Schedule list

The schedule list show a week EPG for the current channel.

1. Press **[green]** button, and press **[▲, ▼]** buttons to select **EPG Schedule**, at last press **[ok]** button.
2. Press **[◄, ►]** buttons to switch date.
3. Press **[▲, ▼]** buttons to switch the EPG affair.
4. Press **[blue]** button to change channel.



7.6 Setting timer

There are two ways to go to the **timer** menu.

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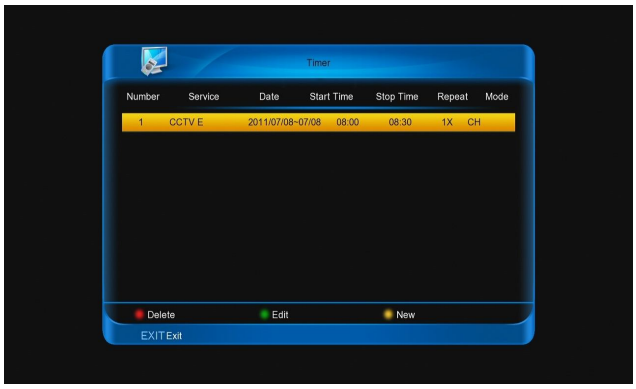
Go to **menu/channel** menu, then select **Organizing Timer** or in **EPG** menu press **[yellow]** button.



7.7 Adding a new timer

1. Press **[yellow]** button to go to **Timer** menu.
2. Set options
3. Press **[red]** button to rename for the affair.
4. Press **[EXIT]** and select **YES** to save and exit.

Note:

1. You can't set the affair time before system time.
2. You also press **[REC]** button to add timer affair about the EPG in **EPG Now/Next/Schedule** menu.
3. You can't add timer affair more then eight.

Subjoin:

1. **Number**: Display the order of current item.
2. **Service** : Show the channel, if you want change, press **[ok]** key.
3. **Event** name: Show event default name, you also press **[red]** key to rename it.
4. **Start date**: Show start date of event, you can press number keys to change it.
5. **Start time**: Show start time of event, you can press number keys to change it.
6. **End date**: Show end date of event, you can press number keys to change it.
7. **Stop time**: Show end time of event, you can press number keys to change it.
8. **Repeat**: Show the event transact times, press **[◄, ►]** keys to switch among once, everyday, a week, workday, weekend.
9. **Timer mode**: Type of the event, it has change service and HDD record.

7.8 Editing a timer affair

1. Press **[green]** button to go to **Timer** menu.
2. Set options
3. Press **[red]** button to rename for the affair.
4. Press **[EXIT]** and select **YES** to save and exit.

7.9 Deleting timer affairs

1. Press **[ok]** button to select one or more.
2. Press **[red]** button to delete.

8 Installation

Installation menu allows you to configure your antenna and search the available TV and radio channels. You can configure the fixed antenna, SCD antenna or motor antenna with this receiver.

8.1 Search Satellite Channels (fixed antennal)

Go to **menu/Install/Satellite Install**, you can search channels by selecting the switch type and setting the required satellite.

Note: If the antenna is not properly set, channel search cannot be activated which means you cannot watch any of the programmes on air.

8.1.1 LNB Only

You can either connect to an antenna with a single LNB switch using an RF cable.

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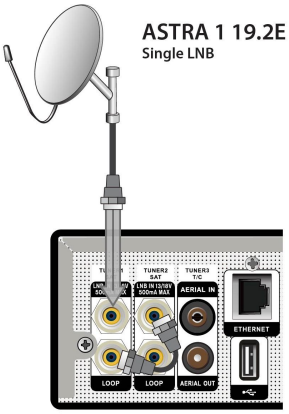
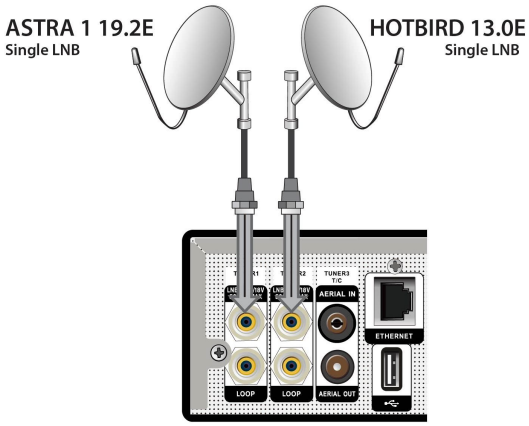
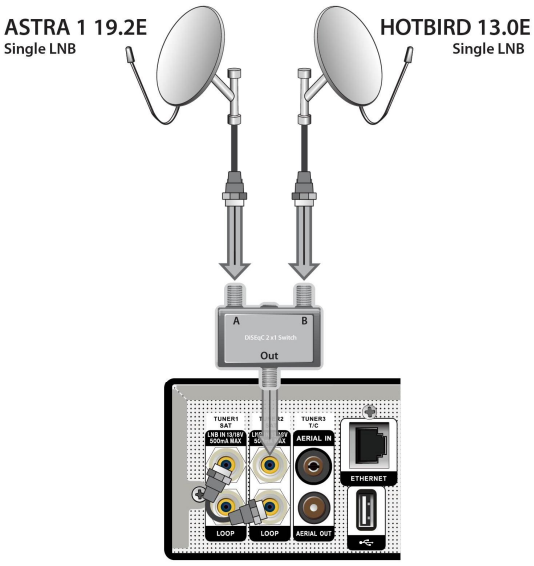


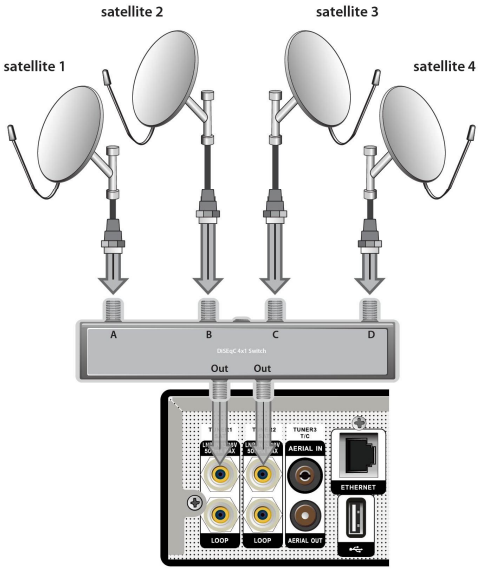
You can either connect to two antenna with a single LNB switch using an RF cable.



8.1.2 DiSEqC

You can either connect to several antennas with a LNB switch using RF cable.

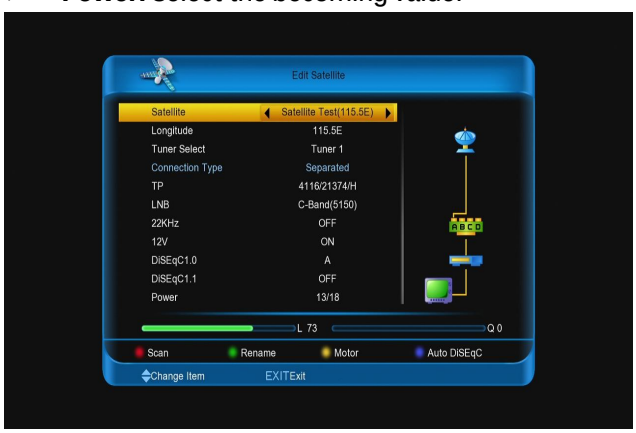




8.1.3 Using LNB Switch Only

You can search only channels of one or two satellite using the fixed antenna.

1. Check that your antenna connection and the selected antenna type are correct.
2. Select a satellite figure and press the **[green]** button.
   - **Satellite:** Select the satellite.
   - **Tuner Select**: Choose **Tuner 1** or **Tuner 2**
   - **Connection Type**: Choose **Separated** or **Loop Through**.
     Note: Only choose Tuner 2, this item can edit.
   - **LNB:** Select the LNB frequency.
   - **22kHZ:** Select On when using a 22kHZ tone switch box.
   - **DiSEqC:** Select the DiSEqC switch,
   - **Power:** Select the becoming value.



3. Press **[red]** button.
   - **Mode:**

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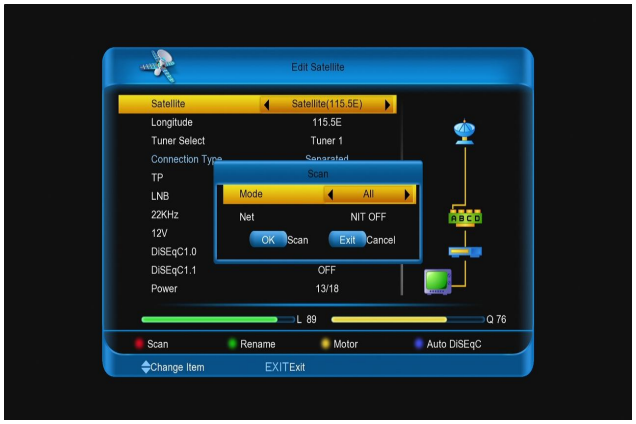
1. **All:** Scan all type channels it can find.
2. **FTA:** Scan free channels.
3. **ALL_TV:** Scan all TV channels.
4. **FTA_TV:** Scan free TV channels.
5. **ALL_RADIO:** Scan all radio.
6. **FTA_ RADIO:** Scan free radio.

- **Net:** Select **NIT ON** to receive the latest transponder information.

4. Press **[ok]** button to scan.
5. When the search has completed, select **save** and press **[ok]** button to save the found channels and exit.

Note: Press **[EXIT]** button to stop the channel search.



8.1.4 Blind Scan channels

This function is scan channels but don't need manual add TP in transponder list. First, it automatic add transponders that has single, then scan channels belong those transponders.

1. Go to satellite list.
2. Press **[▲, ▼]** buttons to select one satellite.
3. Press **[red]** button.
4. Press **[◄, ►]** buttons to select **ON**.
5. Press **[◄, ►]** buttons to select **Mode** among **All**, **FTA**, **aLL TV**, **FTA_TV**, **ALL_RADIO** and **FTA_RADIO**.

- **All:** Scan all type channels it can find.
- **FTA:** Scan free channels.
- **ALL_TV:** Scan all TV channels.
- **FTA_TV:** Scan free TV channels.
- **ALL_RADIO:** Scan all radio.
- **FTA_ RADIO:** Scan free radio.

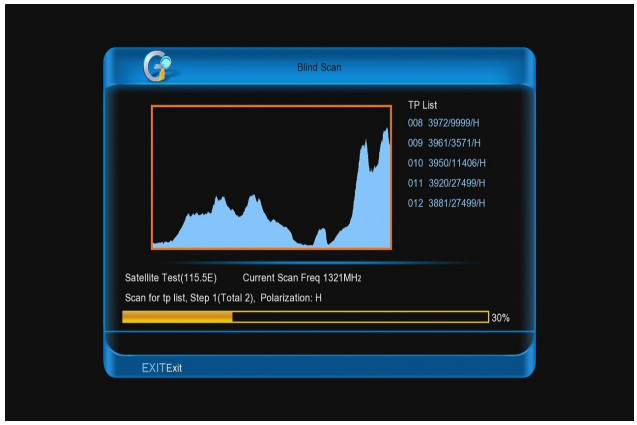
6. Press **[◄, ►]** buttons to select **Net** between **NIT OFF** and **NIT ON**.

- **NIT ON:** To receive the latest transponder information.

7. Press **[◄, ►]** buttons to select **Polarization** among **Auto**, **H** and **V**.

- **Auto:** Scan channels that the polarization is H and V.
- **H:** Scan channels that the polarization is H.
- **V:** Scan channels that the polarization is V.

8. Press **[ok]** button to scan.



8.1.5 Setting Transponder

The available transponder for each satellite is automatically listed. You can enter the transponder setting options directly if necessary.

1. Press **[yellow]** button to go to the **Transponder** list.
2. Press **[green]** button to add a new transponder.

- **Freq:** Enter the frequency of the transponder.
- **H/V:** Select the polarization of the transponder with **H** or **V**.
- **Sym:** Enter the symbol rate of the transponder.
- **FEC:** Select the FEC for the transponder.

Each time you press **[◄, ►]** buttons, the value changes.

Auto <–> 1/2 <-> 2/3 <-> 3/4 <-> 4/5 <-> 5/6 <->

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6/7<-> 7/8 <-> 8/9 <->1/4 <-> 1/3 <-> 2/5 <-> 3/5 <-> 9/10.

- **Mode:** Select the mode with **DVB-S** or **DVB-S2.**

Press **[ok]** button.

3. Press **[yellow]** button to edit the select transponder.
4. Press **[blue]** button to delete the select transponders.
5. Press **[INFO]** button to display the search channels of the transponder.

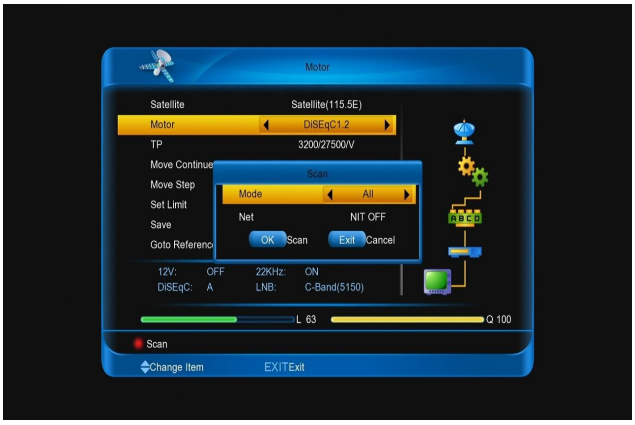
8.1.6 Search Channels (Motor Antenna)

You can set the position of the satellites when using a motor antenna for efficient channel search.

1. Check that your antenna connection and the selected antenna type are correct.
2. Select the satellites that the motor antenna is pointing to.
3. Set the type and location of your motor. (**Motor Setting**)
4. Set your antenna position for the selected satellites.
5. Set the operation limit of your motor.
6. Press **[red]** button to scan, the found channels will be listed.
7. When the search has completed, select save and press **[ok]** button to save and exit.

Note:

1. Only channels of one satellite can be searched when using a motor antenna. Please repeat the search process to search more satellites.
2. Press **[EXIT]** button to stop and press **[ok]** button to save and exit.
3. Refer to **Setting Transponder** for details in transponder setting.



8.1.7 Motor setting

Set the type and location of your motor.

1. In **Menu/Install/Satellite/Edit Satellite** menu, press **[yellow]** button.
2. Select motor type at **motor** item.
   - **DiSEqC 1.2**: General motor antenna using DiSEqC 1.2.
   - **USALS**: Motor antenna using USALS.
3. Select **My Longitude** and enter the longitude and direction.
4. Select **My Latitude** and enter the latitude and direction.
5. Select **Set Limit** and set the limit for the Motor.
   - Select the value is **east** or **west**
   - Select the **Move Step** or **Move Continue** to move the Motor to east or west.
   - Select the **save** and press **[ok]** button to save it.

Note: When Motor Type is set as **DiSEqC 1.2**, the menu is not **My Longitude**, **My Latitude**.

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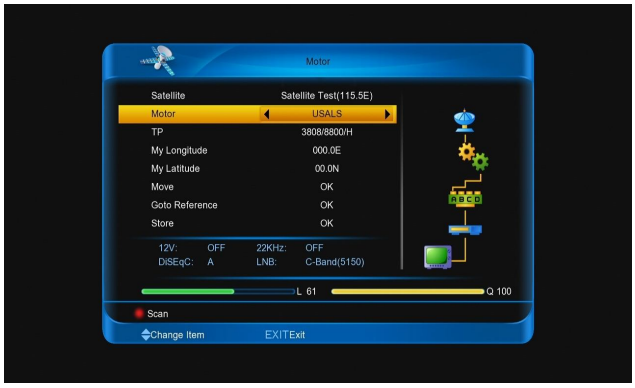
Installation



8.2 Search Cable Channels (fixed antennal)

Go to **menu/Install/Cable Install**, you can search channels by manual or auto.

Note: If the antenna is not properly set, channel search cannot be activated which means you cannot watch any of the programmes.

In manual installation:

1. You can press **[ok]** button to select one or more TP and press **[red]** button to scan channels.
2. Press **[green]** button to add a new transponder.
   - **Freq:** Enter the frequency of the transponder between 70000 and 900000.
   - **Sym:** Enter the symbol rate of the transponderbeween 1000 and 45000.
   - **QAM:** Select a QAM for the transponder.

Each time you press **[◄, ►]** buttons, the value changes. **16 <–> 32 <-> 64 <-> 128 <-> 256 .** Press **[ok]** button to confirm.

3. Press **[yellow]** button to edit the select transponder.
4. Press **[blue]** button to delete the select transponders.
5. Press **[INFO]** button to display the search channels of the transponder.

8.3 Search Terrestrial Channels (fixed antennal)

Go to **menu/Install/Terrestrial Install**, you can search channels by manual or auto.

Note:

1. If the antenna is not properly set, channel search cannot be activated which means you cannot watch any of the programmes.
2. Cable install menu and terrestrial install menu can't display at the same time.

First:

In config menu:

Press **[◄, ►]** buttons to select a properly region among **Australia**, **German** and **UK**.

In manual installation:

1. You can press **[ok]** button to select one or more TP and press **[red]** button to scan channels.
2. Press **[green]** button to add a new transponder.
   a) **Freq:** Enter the frequency of the transponder between 50000 and 900000.
   b) Band Width: Press **[◄, ►]** buttons to select a value among 6 MHz, 7 MHz and 8 MHz.
   c) Channel No: Input channel number between 0 and 200.
   d) Press **[ok]** button to confirm.
3. Press **[yellow]** button to edit the select transponder.
4. Press **[blue]** button to delete the select transponders.
5. Press **[INFO]** button to display the search channels

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of the transponder.

In auto installation:

Press **[ok]** button to enter and it auto scanning channels.

9 System

Go to **menu/system**, you can view the information of the system, **Basic Setting**, **PVR/HDD Setting**, **Net Setting**, **Upgrade**.

Note: Press **[EXIT]** button to exit.

9.1 Basic Setting

Go to **Menu/System/ Basic Setting**, in this menu, there has **Language Setting**, **Time Setting**, **Parental Control**, **A/V Output**, **Factory Default**, **Miscellaneous Setting**, **Tuner Configuration**, **Conditional Access**, **Contact**, **System Information**.

9.1.1 Setting language

1. **Menu Languag**e: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or **[◄, ►]** buttons select an OSD menu language.
2. **Audio Language**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or **[◄, ►]** buttons select an audio language.

   Note: Some channels have more than one audio language for choosing, by this function you can set the first audio for this channel. If the playing channel has the same audio as the “First Audio” you set, system will play this audio language as default. If the channel hasn’t the suited audio language, then the default language of current channel will be played automatically. The selections of audio languages include: English, French, German, Russian, Arabic, Portuguese, Turkish, Spanish, Polish, Italian and so on.
3. **Audio Priority**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or **[◄, ►]** buttons select **Dolby Digital** or **Language**.

   Dolby Digital: Dolby audio track will be played if the current channel has dolby audio track.

   Language: Don’t priority play dolby audio track at the channel that has dolby audio track.
4. **EPG Language**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or **[◄, ►]** buttons select EPG language.
5. **Subtitle Language**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or **[◄, ►]** buttons select the subtitle language. It is an item for changing the language of the Subtitle. As long as the services support it, the Subtitle language is changeable by subtitle menu on full screen. The supported language can be changed without any notice.

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6. **Teletext Language**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or **[◄, ►]** buttons select the TXT language. As long as the services support it, the Teletext language is changeable by teletext menu on full screen. The supported language can be changed without any notice.
7. **Subtitle display**: Press **[ok]** button, then press **[▲, ▼]** button to select on option, at last press **[ok]** button. Or **[◄, ►]** buttons select **Auto** or **Manual**.

   Auto: it will automatically display subtitle in has subtitle stream,

   Manual: It need press **[yellow]** key and select subtitle to display.
8. **Online Language:** Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or **[◄, ►]** buttons select online menu language.

   Note: the **Weather Forecast**, **FAQ**, **User Manual** language will change with the option.

9.1.2 Time Setting

1. **Auto update:** Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or **[◄, ►]** buttons select an option

   a. **ON:** Get the time from the channel info that you will watch.

   Note: Now the date and time does not edit.

   b. **OFF:** You need manual set the date and time.

   Note: Now you can't edit the **GMT offset** option.
2. **YY/MM/DD:** Press number key to set the date.
3. **Time:** Press number key to set the time.
4. **GMT Offset:** Press **[ok] button, then press [▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select appropriate option.
5. **Summer Time**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **ON** or **OFF**.
6. **Wake up/sleep**: Config the STB turn **ON** and **OFF**. If these are setting **ON**, the STB will turn on/off at the **wake up time/sleep time**. If set **wake up channel**, it turn on at the channel, or it at the last channel before STB turn off.

9.1.3 Parental Control

In this menu, you can set a password for anyone who wishes to operate the STB. And you can also set the password for the lock channels. (How to set the lock channel please refer to LOCK) Here will show you how to setting and how to revising the password.

1. **Parental Lock**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **ON** or **OFF**.

   ON: You must input the password to enter into menu

   OFF: Not need password to enter into menu.
2. **Censorship Classification**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select an option.

   View all: Play channels not need password.

   7, 12, 15, 18: those option determining that

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different stream, whether have to input password.

Lock all: Play channels need input password.

3. **Time Control**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **ON** or **OFF**

   On: Play channels not need password only in **Allow time**.

   OFF: Play channels not need password at any time.

4. **Allow time**: Setting the start and end time to play channels that not need password.

   Note: This option you can't edit when **Time Control** is "**OFF**"

5. **Change password** and **Confirm password**: using to change password.

9.1.4 A/V Output

In this menu, you can set **TV_Scart**, **Screen ratio**, **Conversion**, **TV Standard**, **SPDIF, Dolby Digital HDMI**.

1. **TV_Scart**: Press **[◄, ►]** buttons to switch video output by **RGB** or **CVBS** with SCART cable.

   RGB:

   CVBS:

2. **Screen ratio**: Press **[◄, ►]** buttons to switch video resolution circularly by the sequence "**4:3<-> 16:9<-> Auto**". Or press **[ok]** button, and select it with **[▲, ▼]** buttons, then press **[ok]** button to confirm.

   4:3: Auto - Letterbox - Centre

   16:9: Auto - Pillar Box - Zoom

   Auto: The display format follow the channel details

3. **Conversion**: Press **[◄, ►]** buttons to switch the manner circularly by the sequence "**LETTER_BOX<-> PAN_SCAN<-> COMBINED<-> IGNORE**". Or press **[ok]** button, and select it with **[▲, ▼]** buttons, then press **[ok]** button to confirm.

4. **TV Standard:** Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄,►]** buttons to select an option.

   480<-> 576<-> 720<-> 1080i<->1080p<-> Auto

   Note:

   a. **Auto** means system will set the video output resolution according to the program it's playing, different resolution programs switching perhaps will makes TV screen flickering.

   b. When you connect with A/V or SCART, the TV has output that only you change to resolution the TV supports.

5. **SPDIF**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **Auto** or **PCM**.

   Auto: The play audio track is the stream has.

   PCM: It will make Dolby track to PCM track and then play it, at the channel has Dolby track

6. **Dolby Digital HDMI**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **ON** or **OFF**.

   Note: When you connect with HDMI, if select **ON** and the TV don't play the Dolby track, it is not audio output at the channels that has Dolby track.

7. **Browser Screen Size**: Press **[ok]** button and select **YES** to enter into. The default is to adjust top. You can use **[▲, ▼]** buttons to adjust top. Then press **[ok]** button to adjust bottom, and use **[▲, ▼]** buttons to adjust . The order is top -> bottom -> left -> right. Left and right use **[◄, ►]** buttons to adjust.

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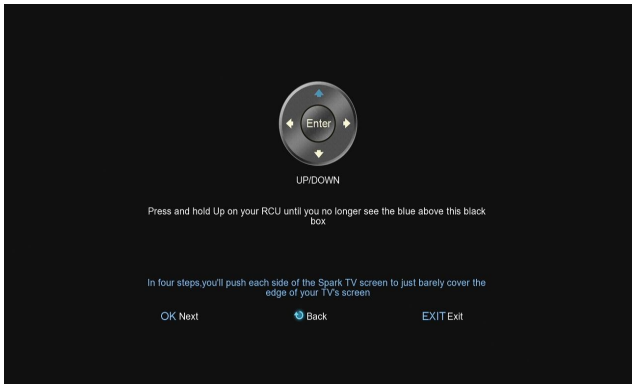
System


Enter
UP/DOWN
Press and hold Up on your RCU until you no longer see the blue above this black box
In four steps,you'll push each side of the Spark TV screen to just barely cover the edge of your TV's screen
OK Next
Back
EXIT Exit

9.1.5 Factory Default

This menu is operating for database.

1. **Load From Factory Default**: Press **[ok]** button, it display a warn information, select "**YES**" to come back factory default.
   Note: If you do **Save As Factory Default** before, it will be back the database that you save.
2. **Factory Reset**: Press **[ok]** button, it display a warn information, select "**YES**" to come back factory default.
3. **Save As Factory Default**: Press **[ok]** button, it display a warn information, select "**YES**" to save the current database as factory default.
4. **Delete All Channel**: Press **[ok]** button, it display a warn information, select "**YES**" to delete all channels.

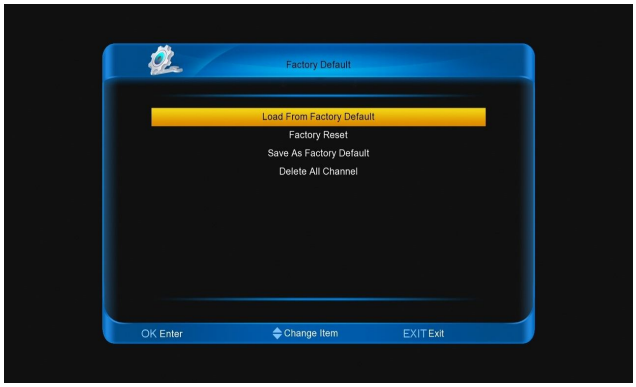
? Frequently Asked Question

Q: IF I incautiously delete all channels, what should I do?

A: There are two ways to restore:

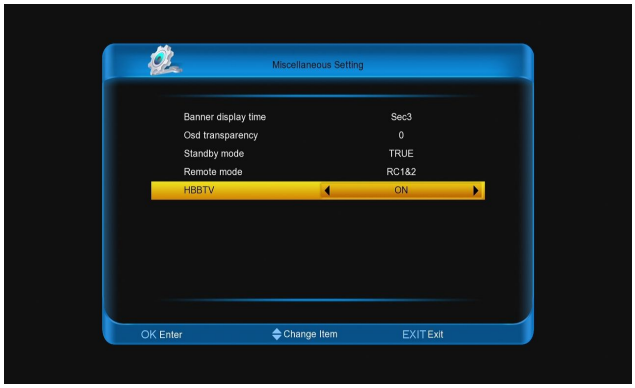
To re-search all channels in "Installation" function.

Use "Default Value" function to restore all channels in "Tools" function



9.1.6 Miscellaneous Setting

1. **Banner display time**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select option. It controls the info bar display time. The options have sec1-sec20.
2. **Osd transparency**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select option.
3. **Standby mode**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **TRUE** or **FALSE.**
   TRUE: When standby, only the front panel work, it save electricity.
   FALSE: When standby, it just stop output video and audio, this case can't save electricity.
4. **Remote mode**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **RC1**,**RC2** or **RC1&2**.
   RC1: The remote mode must use RC1, or STB can't receive the control signal.
   RC2 : The remote mode must use RC2, or STB can't receive the control signal.
   RC1&2: The remote mode no matter what, the STB can receive the control signal.
5. **HBBTv**: It control HBBTv function. Press **[◄, ►]** buttons to change it between **ON** and **OFF**.
   ON: You can press [red] button to into the web at has HBBTv function channel.
   OFF: The HBBTv function can't use.



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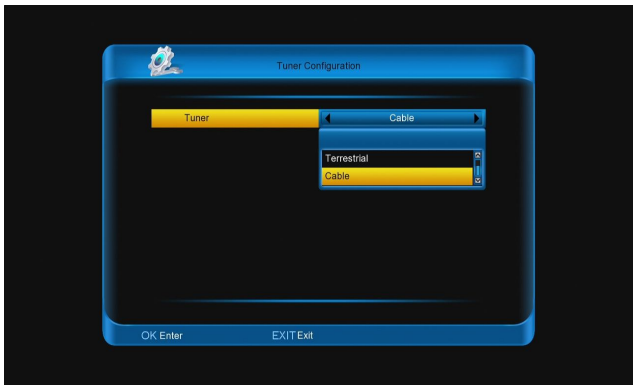
9.1.7 Tuner Configuration

This menu control **Cable** and **Terrestrial** tuner. Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄,►]** buttons to select **Cable** or **Terrestrial**.

Cable: The Install menu will display **Cable Install** menu, then you can scan cable channels.

Terrestrial: The install menu will display **Terrestrial Install** menu, then you can scan Terrestrial channels.

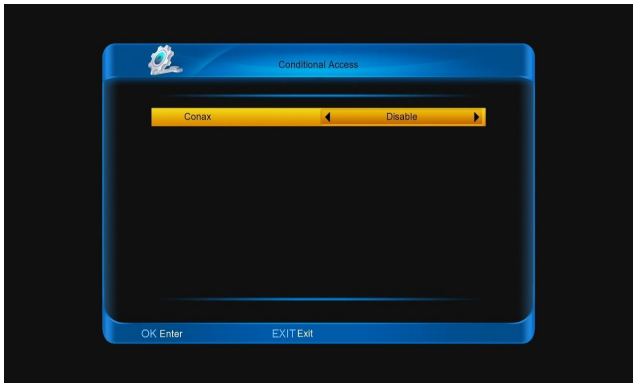


9.1.8 Conditional Access

In this menu, Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄,►]** buttons to select **Disable** or **Enable**.

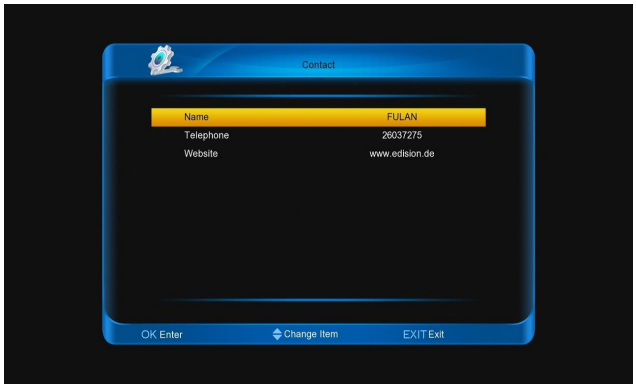
Disable: the Conax block can not work.

Enable: the Conax block can work.



9.1.9 Contact

This menu is note the message of provider. There are **Name**, **Telephone** and **website**. At those options, press **[ok]** button to enter into **contact rename** menu and input relevant messages.

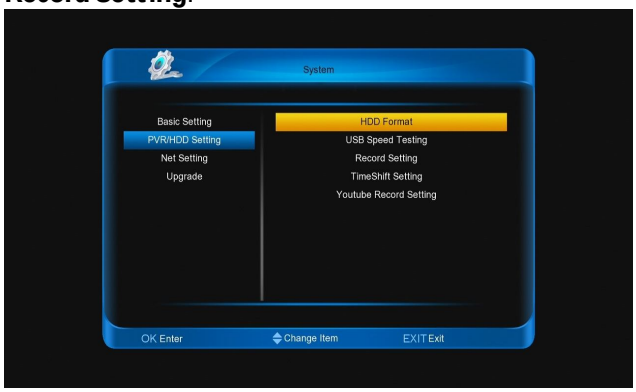


9.1.10 System Information

This menu is show the message about the STB. There are **STBID**, **System Version**, **Dbase Version**, **Kernel Version**, **U-Boot Version** and **Last Update**.

9.2 PVR/HDD Setting

In this menu, it has **HDD Format**, **USB Speed Testing**, **Record Setting**, **Timeshift Setting** and **Youtuble Record Setting**.



9.2.1 HDD Format

The menu show the message about the USB disk.

Format Disk:

1. Press **[red]** button and press **[▲, ▼]** buttons to select a format for the disk, then press **[ok]** button

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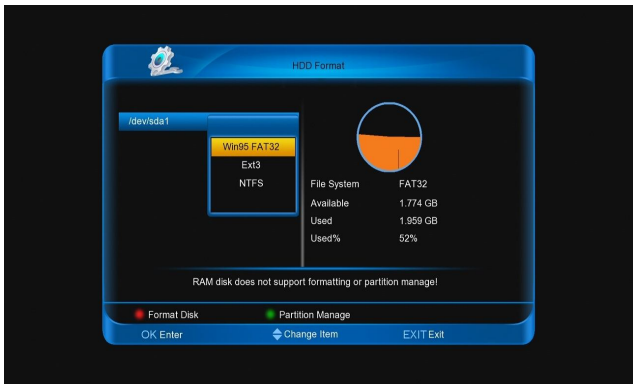
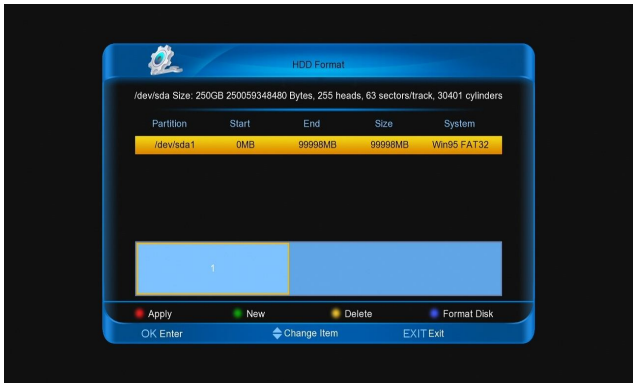
to start. This case can hold subarea

2. Press **[green]** button to enter into the menu:
   a. **[green]** button: Add a new subarea.
   b. **[yellow]** button: Delete a subarea.
   c. **[red]** button: Save and partition the disk.
   d. **[blue]** button: Format disk.

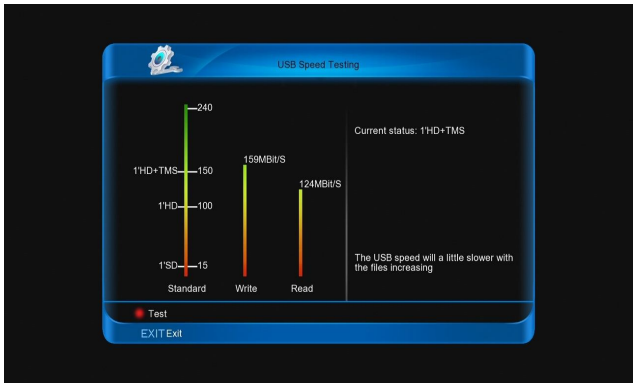
Note: Format disk will lost the disk data.





9.2.2 USB Speed Testing

This menu use to test the write and read speed of the USB. You can press **[red]** button to test again. And the right column show current speed can do what.



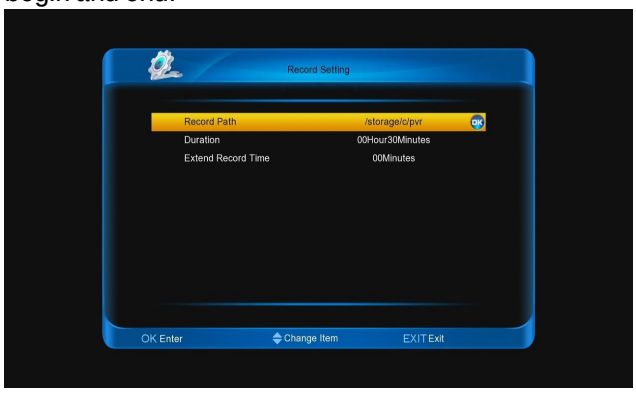
9.2.3 Record Setting

This menu include **Record Path**, **Duration** and **Extend Record Time**.

Record Path: Press **[ok]** button to change the record path.

Duration: Press **[◄, ►]** buttons to change the **Duration** of each time.

Extend Record Time: Press **[◄, ►]** buttons to change the extend time for record. It will add the time at each begin and end.



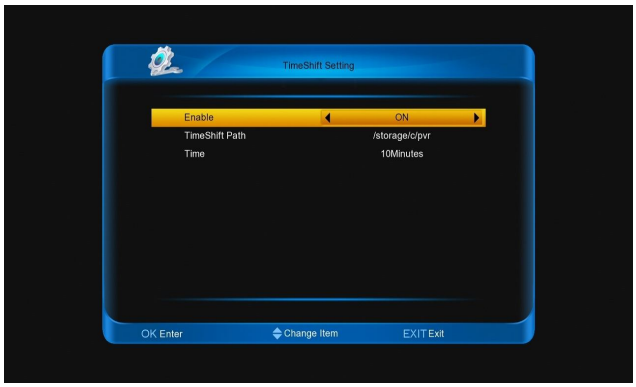
9.2.4 TimeShift Setting

This menu include **Enable**, **TimeShift Path** and **Time**.

Enable: Press **[ok]** button to select **ON** and **OFF**.

TimeShift Path: Press **[ok]** button to change the TimeShift path.

Time: Press **[◄, ►]** buttons to change the TimeShift time.



9.2.5 Youtuble Record Setting

This menu include **Enable** and **Record Path**.

Enable: Press **[ok]** button to select **ON** and **OFF**.

Record Path: Press **[ok]** button to change the record path.

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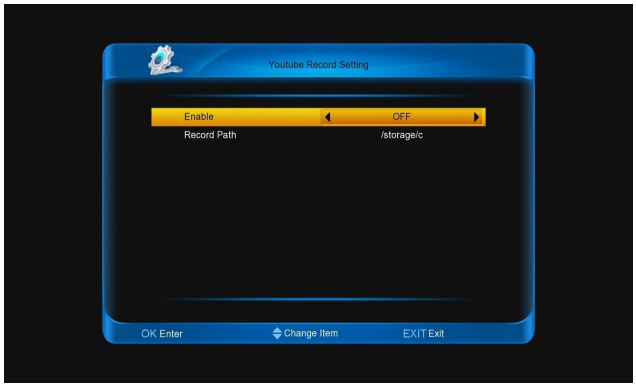


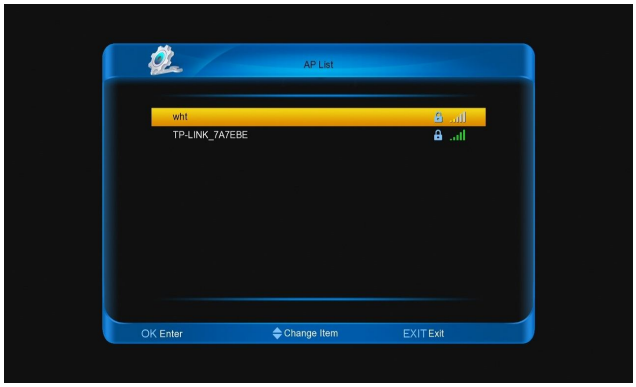
9.3 Net Setting

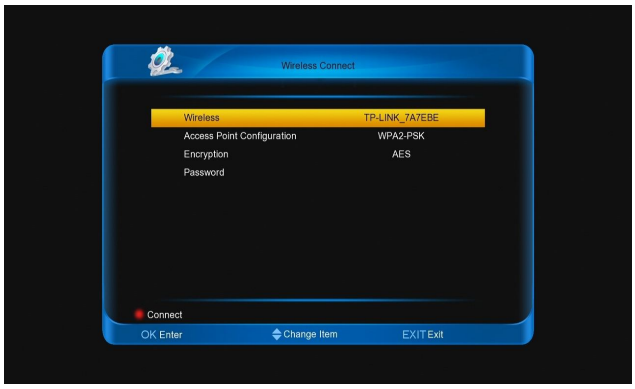
9.3.1 Configuring Wi-Fi (wireless)

1. Select **Wireless** on **Default Network Type** item.
2. Press **[red]** button the wireless LAN network list will appear, Select you Wi-Fi network and press **[ok]** button, at last input password.
   - **Wireless**: The network name.
   - **Access Point Configuration**: Press **[◄, ►]** buttons to select **WEP, WPA2-PSK** or **WPA-PSK**.
   - **Security Setup/Encryption**: Press **[◄, ►]** buttons to select an option.
   - **Password**: Press **[ok]** button to input the password.
   - **Key Number**: Press **[◄, ►]** buttons to select **1**, **2**, **3** and **4**.

   Note:

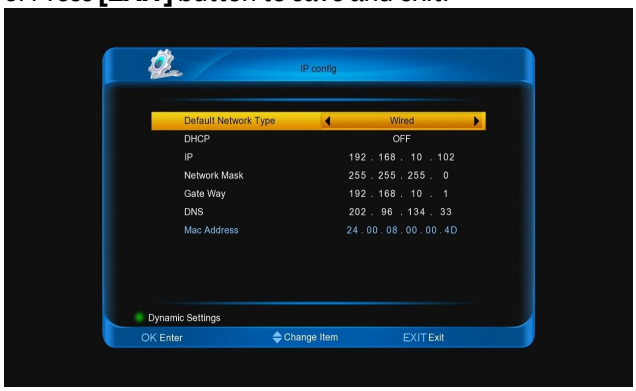
   1. Only the **Access Point Configuration** select **WEP**, the **Key Number** can display for use.
   2. When **Access Point Configuration** select **WEP**, **Security Setup** has **open** and **shared** two options. And **Access Point Configuration** select **WPA-PSK** or **WPA2-PSK**, **Encryption** has **TKIP** and **AES** two options.
3. Press **[red]** button to connect.





9.3.2 Configuring LAN

1. Select **Wired** on **Default Network Type** item.
2. You can configure the Ethernet setting options.
   - **DHCP**: Apply the options according to the DHCP.
   - **Manual**: Enter the options manually.
3. Press **[EXIT]** button to save and exit.



9.3.3 Dynamic Setting

Go to **menu/system/IP config** menu, press **[green]** button enter into setting **DDNS** menu.

- **Dynamic Start:** Press **[,]** buttons to select **ON** or **OFF.**
- **User**: Press **[ok]** button to input the user name.
- **Password**: Press **[ok]** button to input the password.
- **Host**: Press **[ok]** button to input the host domain name.

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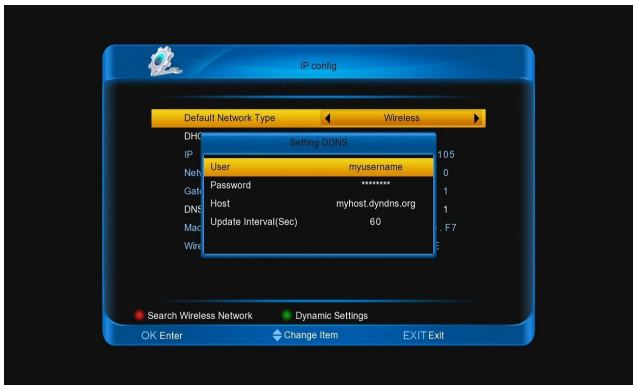
- **Update Interval (Sec)**: Use number buttons to input the time.

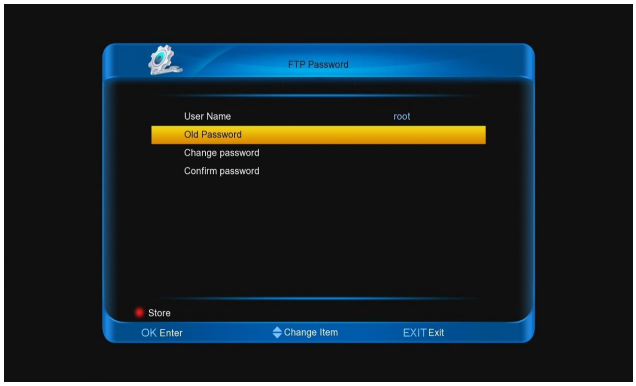


9.3.4 FTP Password

This menu use to change the FTP password.

- **User name**: Display the user name, it can't be edited.
- **Old Password**: Press **[ok]** button to input old password.
- **Change password**: Press **[ok]** button to input new password.
- **Confirm password**: Press **[ok]** button to input new password again.

Press **[red]** button to save.



9.3.5 Network hard disk

Setting those options, you can use network hard disk.

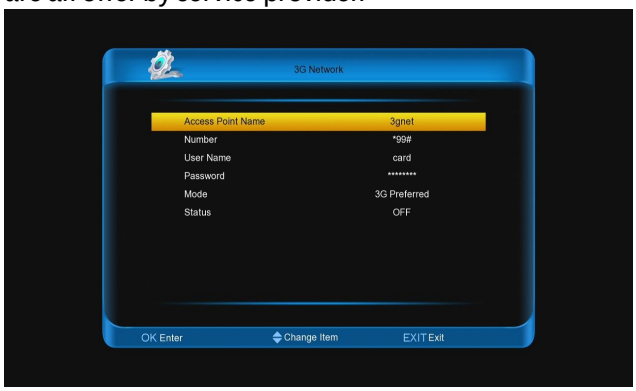
- **Network hard disk name**: Press **[◄, ►]** buttons to select an option as the name.
- **Service type**: Press **[◄, ►]** buttons to select **NFS** or **CIFS**.
- **Share folder**: Press **[ok]** button to input the share folder name.
- **Server IP**: Use number buttons to input the server IP that the share folder belong.
- **User Name**: Press **[ok]** button to input the name.
- **Password**: Press **[ok]** button to input the password.
- **Status**: Press **[◄, ►]** buttons to select **Active** or **Inactive**.

Note:

1. The **User Name** and **Password** can use, only when you select the **Service type** is **CIFS**. It say, you must have **User Name** and **Password** can use the network hard disk in this case.
2. Only select **status** is **active**, the network hard disk can display in the **file list**.

9.3.6 3G Network

In this menu, it has **Access Point Name**, **Number**, **User Name**, **Password**, **Mode** and **status**. Except **status**, their are all offer by service provider.



9.4 Upgrade

9.4.1 Upgrade from USB

1. **Upgrade Type**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select an option.

App, App + Plugin, App + Database + Plugin, Database, App + Database.

2. **Folder**: Press **[ok]** button to select correlative software.
3. Press **[red]** button to upgrade.

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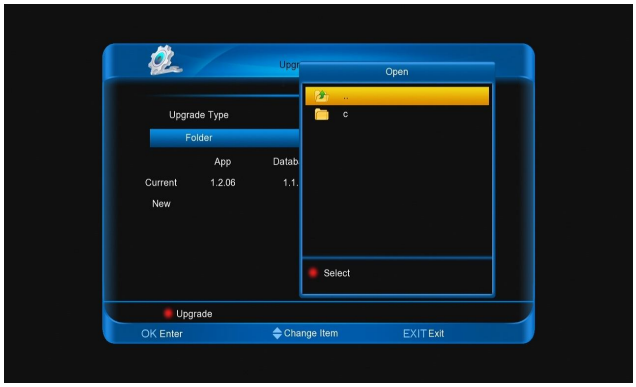
System

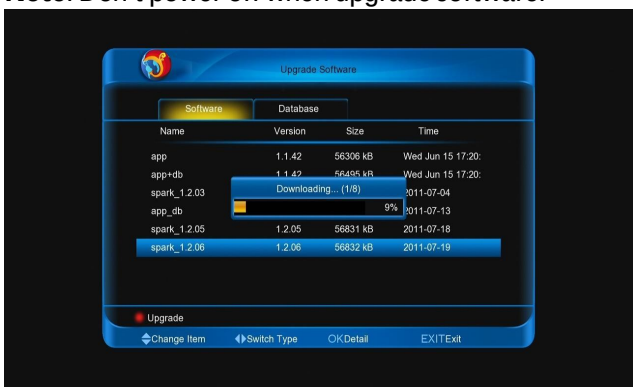


9.4.2 Upgrade from online

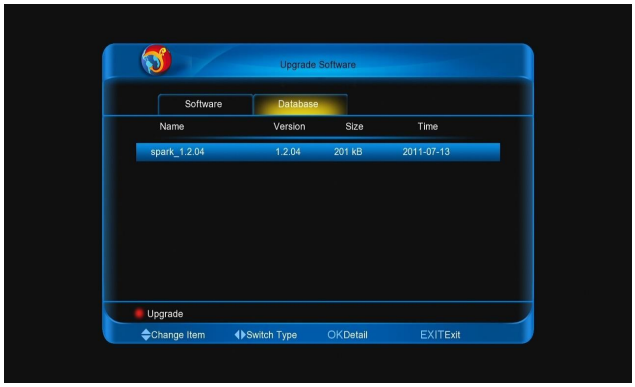
Go to **menu/online/upgrade software** menu.

1. Press **[◄, ►]** buttons to switch between software list and database list.
2. Press **[▲, ▼]** buttons to select a software or database.
3. Press **[ok]** button to display the log.
4. Press **[red]** button to download and upgrade.

Note: Don't power off when upgrade software.



Note: The output file can be maked over at PC, then load in STB.

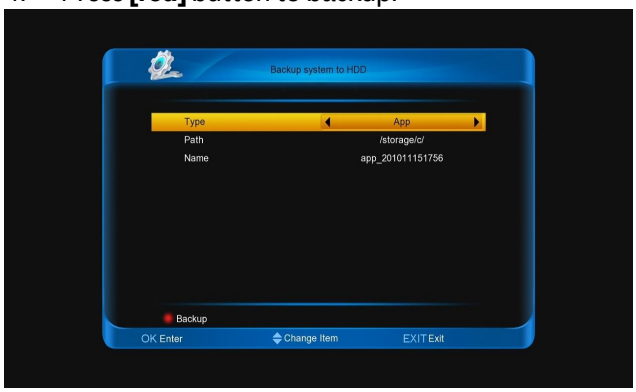


9.4.3 Backup system to HDD

1. **Type**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select an option.

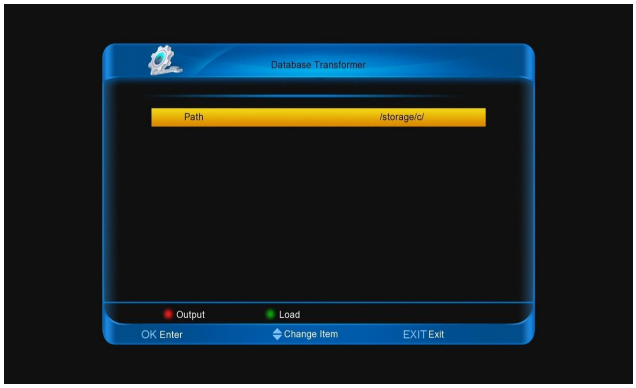
App, Plug In, App + Plugin, App + Database + Plugin, Database, App + Database.

2. **Path**: Press **[ok]** button to select the path for save file.
3. **Name**: Press **[ok]** button to rename for the file.
4. Press **[red]** button to backup.



9.4.4 Database Transformer

1. **Path**: Press **[ok]** button to select the path for file
2. Press **[red]** button to output the files.
3. Press **[green]** button to load the files.



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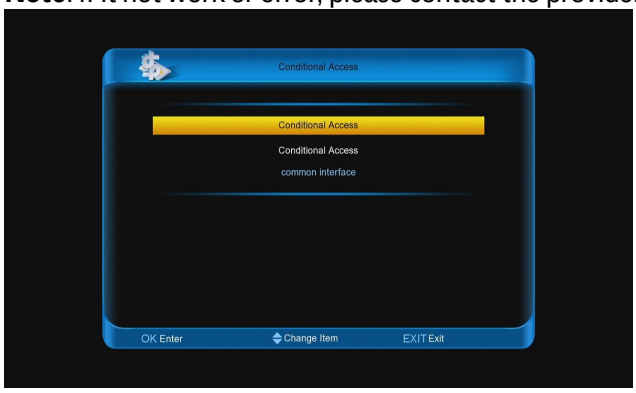
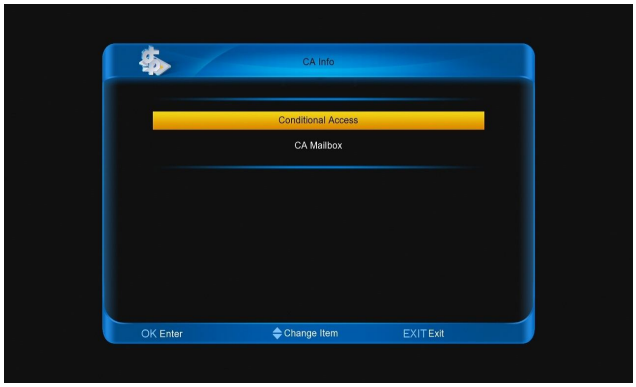
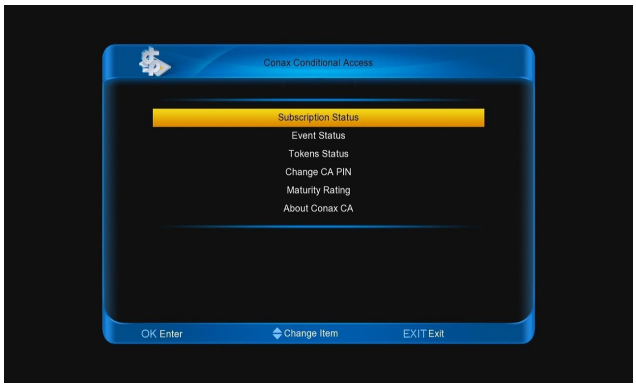
10 Conditional Access

Receiver provide two CA slot for user to use. Receiver has build in smart card module with CONAX system. By using cards in this system provided by operators, it is possible to watch many scrambled channels coded in this system. This menu shows detailed information about card inserted into card reader module. It allows inserted according to help messages visible on the bottom of the screen.

Note: If it not work or error, please contact the provider.

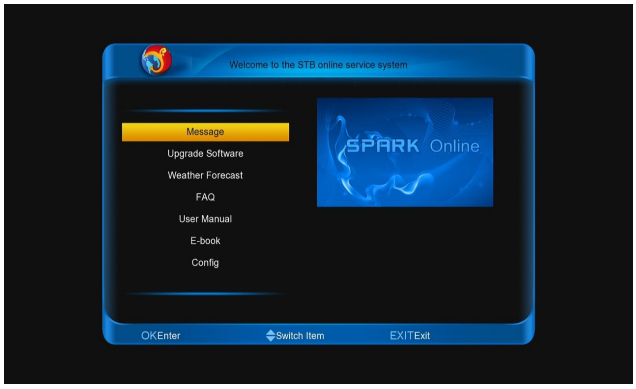






11 Online

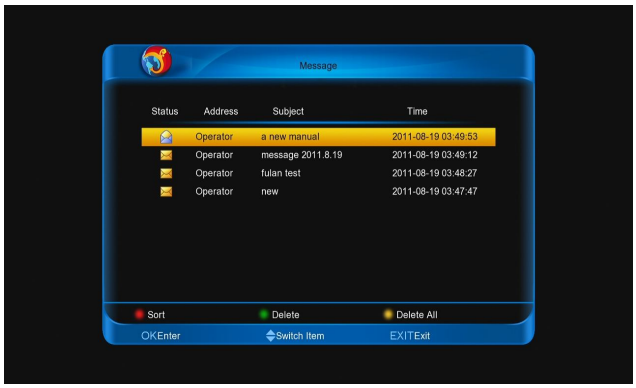
The services of the menu all from online server.



11.1 Message

11.1.1 Display message

1. Select the message that you want display with **[▲, ▼]** buttons.
2. Press **[ok]** button to display the detail message.
3. Press **[ok]** button again, or press **[EXIT]** button to cancel display.



11.1.2 Sort message

1. Press **[red]** button
2. Press **[▲, ▼]** buttons to select an option.
   Status, Address, Subject, timer
3. Press **[ok]** button.

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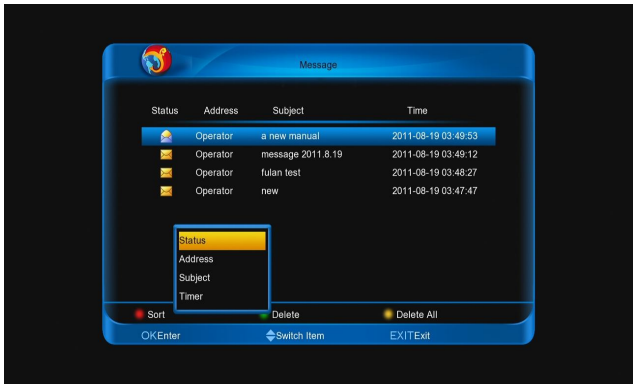
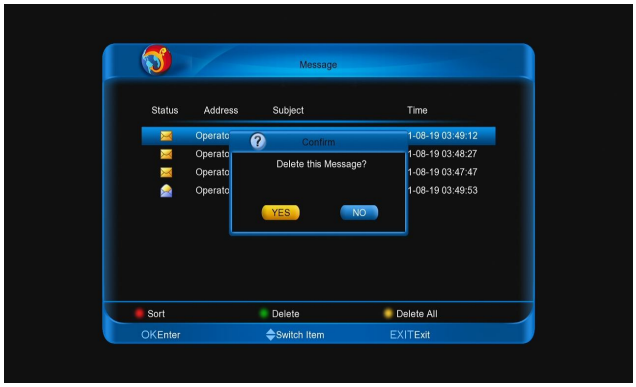
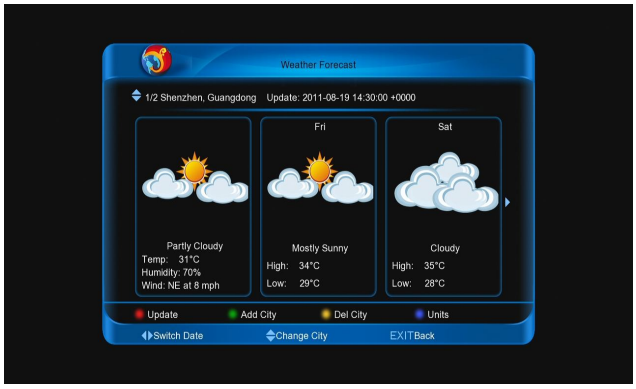


11.1.3 Delete message

1. Press **[green]** button to delete the selected message.
2. Press **[yellow]** button to delete all message of the list.



11.2 Weather Forecast

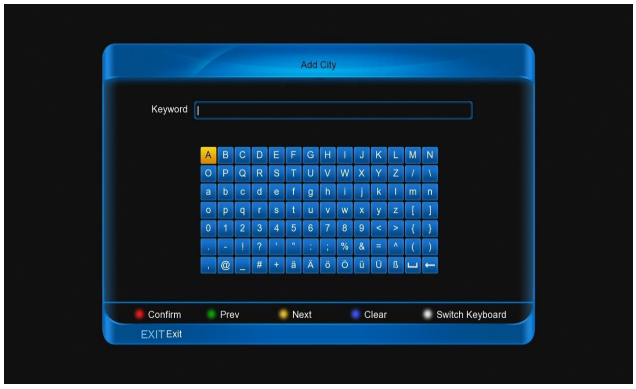


11.2.1 Add City

1. Press **[green]** button to enter into **Add City** menu.
2. Input the city name that you want, and press **[red]** button to confirm.

Note:

1. You can only add five cities at most.
2. Press **[▲, ▼]** buttons to change city.



11.2.2 Delete City

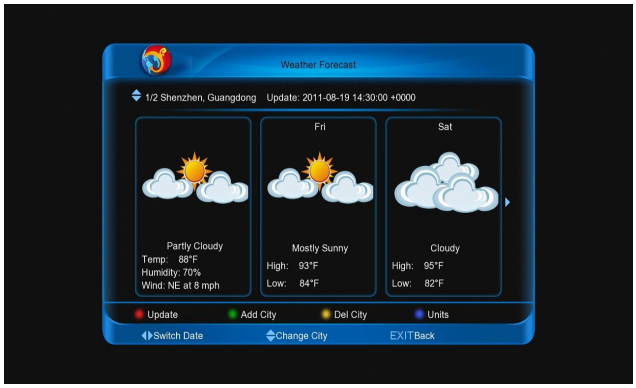
Press **[yellow]** button to delete the current city.

11.2.3 Update the information

Press **[red]** button to update the information of current city.

11.2.4 Change Units

Press **[blue]** button to change the units.



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11.2.5 Switch Date

Press **[◄, ►]** buttons to switch date.
Note: It only display four dates weather in a city.

11.3 FAQ

11.3.1 Play the demo video

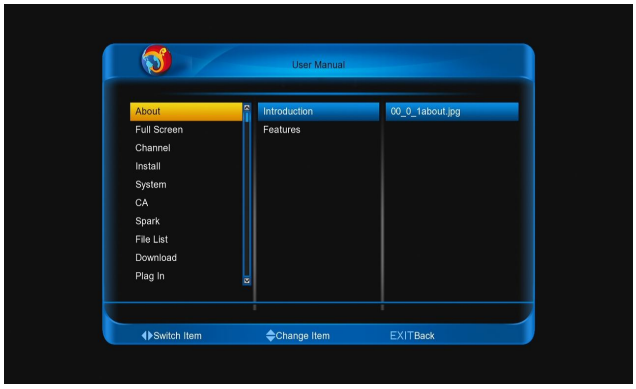
1. Press **[◄, ►]** buttons to switch frame.
2. Press **[▲, ▼]** buttons to change item.
3. Press **[PLAY]** or **[ok]** button to download and play the demo video.

FAQ
PVR
CHANNEL
ONLINE
SYSTEM
DOWNLOAD
NETWORKING
INSTALL
Q: How to use timeshift?
A: In SYSTEM->PVR/HDD SETTING->TIMESHIFT SETTING menu, choose "on" at enable item,then exit to full screen,press play key to show the bar of timeshift, now you can do next like record.
Q: How to play music?
A: At FILE LIST menu,press left or right button to choose MUSIC,than press OK button.Now press OK button to choose the files that you want,and press PLAY button.
Q: How to play picture?
Play
Switch frame
Change Item
EXITBack

11.3.2 Zoom the video

When play the video:
1. Press **[ZOOM]** button to zoom it of 1, 4, 9 or 16 times.
2. Press **[◄, ►]** and **[▲, ▼]** buttons to move the zoom place.

11.4 User Manual



11.4.1 Resource transfer mode is HTTP

1. Press **[◄, ►]** and **[▲, ▼]** buttons to switch item.
2. Press **[ok]** button at right column the picture, it begins to download and play the picture.

11.4.2 Resource transfer mode is FTP

When you enter the **User Manual** menu, it begins to download the entire manual.
1. Press **[◄, ►]** and **[▲, ▼]** buttons to switch item.
2. Press **[ok]** button at right column the picture, it begins to play the picture.

11.4.3 Manual playing

- Press **[◄, ►]** button.
- Press **[▲, ▼]** button.
- Press **[P+, P-]** button.

11.4.4 Auto playing

Press **[PLAY]** button.

Volume Up/Volume Down
1.2. Watch TV
1.2.1. Volume
Volume Up/Volume Down
In full screen, press [←/→] or [vol+/vol-] to adjust volume.
Mute
Mute
1. Press [MUTE] key to mute the sound and the screen will show up mute OSD.
2. Press [MUTE] key again to restore sound.
BIZ ASIA
Pre
Next
Play

11.4.5 Zoom the picture

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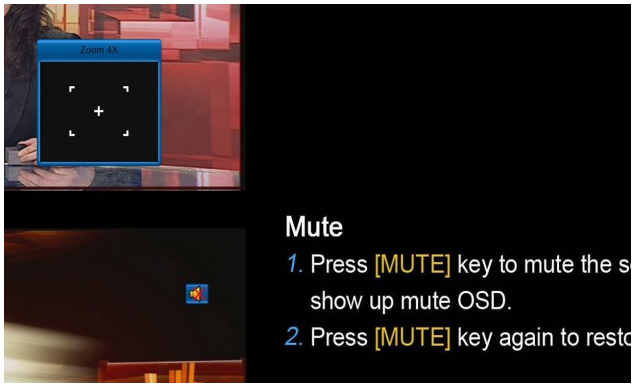
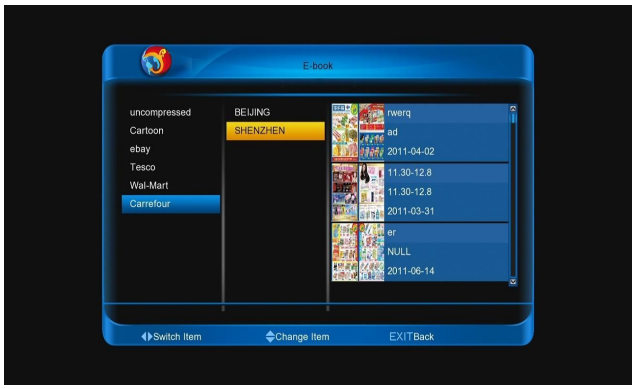
When play the picture:

1. Press **[ZOOM]** button to zoom it of 1, 4, 9 or 16 times.
2. Press **[◄, ►]** and **[▲, ▼]** buttons to move the zoom place.

Note: Press **[EXIT]** button to cancel play.



11.5 E-book

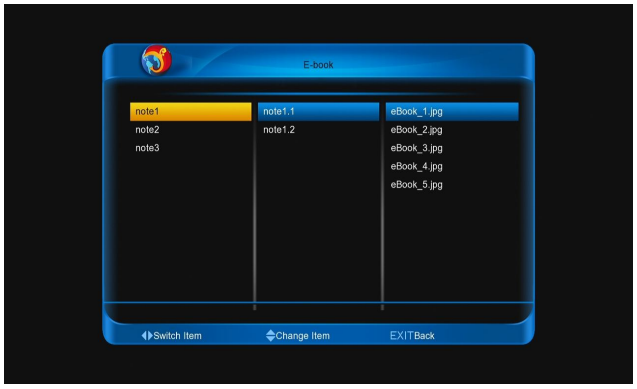


11.5.1 Resource transfer mode is HTTP

1. Press **[◄, ►]** and **[▲, ▼]** buttons to switch item.
2. Press **[ok]** button at right column, it begins to download the e-book list.
3. Press **[ok]** button at right column, it begins to download and play the picture.

11.5.2 Resource transfer mode is FTP

1. Press **[◄, ►]** and **[▲, ▼]** buttons to switch item.
2. Press **[ok]** button at right column, it begins to download the entire e-book.
3. Press **[ok]** button at right column the picture, it begins to play the picture.



11.5.3 Manual playing

- Press **[◄, ►]**buttons.
- Press **[▲, ▼]** buttons.
- Press **[P+, P-]** buttons.

11.5.4 Auto playing

Press **[PLAY]** button.

11.5.5 Zoom the picture

When play the picture:

1. Press **[ZOOM]** button to zoom it of 1, 4, 9 or 16 times.
2. Press **[◄, ►]** and **[▲, ▼]** buttons to move the zoom place.

Note: Press **[EXIT]** button to cancel play.

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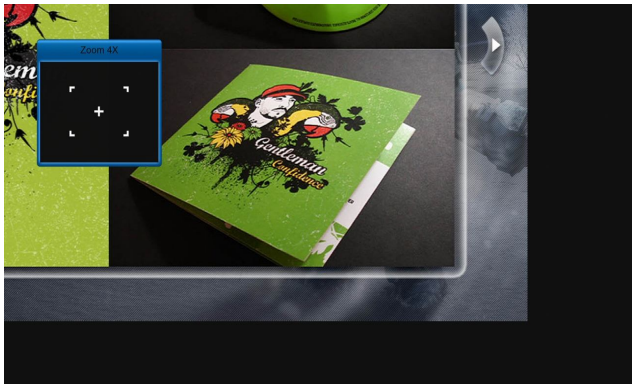
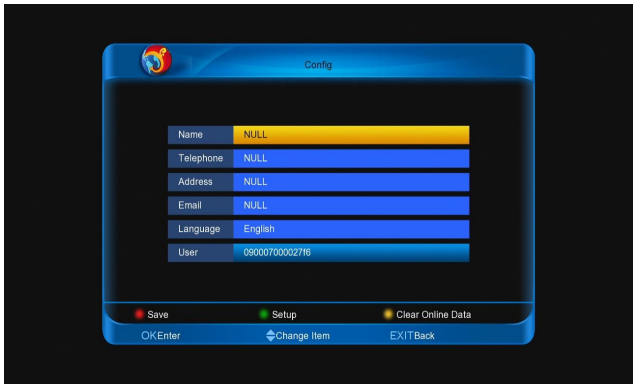


11.6 Config

This menu use to register online server and config online.



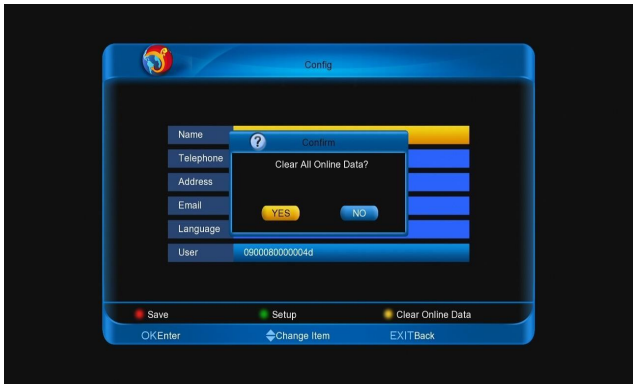
11.6.1 Register

1. **Name**: Press **[ok]** button to enter into **Name Modification** menu, and input the name.
2. **Telephone**: Press **[ok]** button to enter into **Telephone Modification** menu, and input the Telephone.
3. **Address**: Press **[ok]** button to enter into **Address Modification** menu, and input the Address.
4. **E-mail**: Press **[ok]** button to enter into **E-mail Modification** menu, and input the E-mail.
5. **Language**: Press **[ok]** button and then using **[▲, ▼]** buttons to select, at last press **[ok]** button to confirm.
6. **User**: It shows the STB ID.
7. Press **[red]** button to save and register.

11.6.2 Clear online data

Press **[yellow]** button and select **YES**, then press **[ok]** button to confirm.

Note: After do this the STB will reboot.



11.6.3 Setup online service

Press **[green]** button to enter into the menu.

- **Message Auto Play**: Press **[ok]** button, then press **[▲ ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]**buttons to select an option.

  Enable: The message can display at bottom of video.

  Disable: Can't display message when play video.
- **Software Upgrade Notify**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select an option.

  Enable: It give a message when the new version gives.

  Disable: Not message when the new version gives.
- **Resource Transfer Mode**: Press **[ok]** button, then press **[▲, ▼]** buttons to select on option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **HTTP** or **FTP**.

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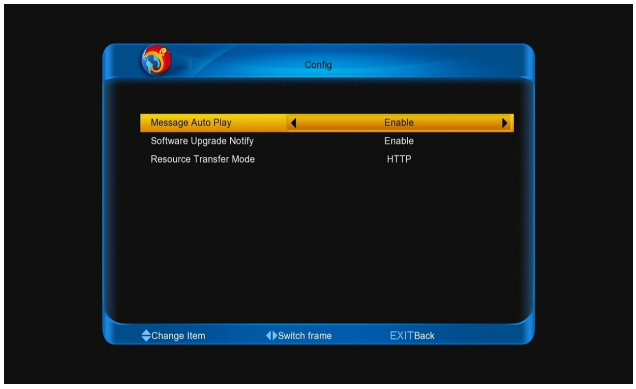
File List



12 File List

Enter into this menu has two ways.

- ❖ Go to **menu/File list**.
- ❖ In full screen, Press **[FOLDER]** button.

12.1 Switch File list

There are two ways to switch file list.

1. Go to **menu/File list** menu, press **[◄, ►]** buttons to select one icon, then press **[ok]** button to enter into the list.
2. In one list press **[red]** button, then press **[▲, ▼]** buttons to select an option, at last press **[ok]** button to switch.
   Music, Record, Picture, Movie, Software, All

Note: Each list only display correlative files. All list can display else list files.

12.2 Sort files/Sort folder

In the list, press **[green]** button, then press **[▲, ▼]** buttons to select an option, at last press **[ok]** button.

Name, Type, Size, Modify date.

12.3 Delete files/Delete folder

Delete files: In the list, select files with **[blue]** button, then press **[yellow]** button, at last select **YES**.

Delete folder: In the list, select one folder with **[▲, ▼]** buttons, then press **[yellow]** button, at last select **YES**.

Note:

1. You can delete one folder once. If the folder is storage record file or timeshift file, it can't be deleted.
2. When in the software list, the **[blue]** button to use to upgrade.

12.4 Play Record File/Music/Movie

1. In the list, select one or more files use **[blue]** button.
2. Press **[PLAY]** or **[ok]** button to playing.
3. Press **[PAUSE]** button to pause play.

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File List

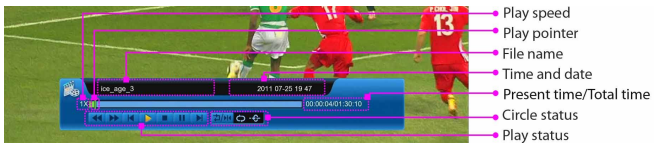
4. Press **[◄, ►]** buttons to jump the playing place.
5. Press **[PAGE-, PAGE+]** buttons to play fast.
6. Press **[PREV/NEXT]** button to jump the head/end of the file.
7. Press **[PLAY MODE]** button to select one mode.

: Order and play the all selected files, then exit.

: Circular play current file.

: Circular play all selected files.

8. Press **[STOP]** or **[EXIT]** button to stop play.



12.5 Play Picture

1. In the list, select one or more files use **[blue]** button.
2. Press **[PLAY]** or **[ok]** button to playing.

: Turn picture by deasil.

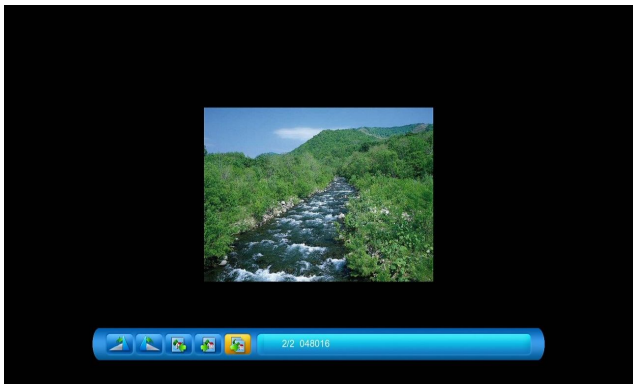
: Turn picture by anticlockwise.

: Play next picture.

: Play anterior picture.

: Order and auto play the all selected pictures, then exit.

3. Press **[STOP]** or **[EXIT]** button to stop play.



12.6 Online Subtitle

When play a movie file, the info bar hide:

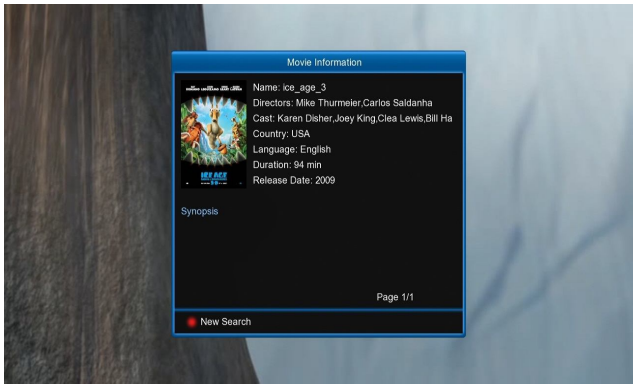
1. Press **[blue]** button to search and display movie information from online server.
2. Press [red] button to input the new movie name to search the movie information.
3. Press **[green]** button to enter into **Search Subtitle From Internet** menu.

File Name: Press **[ok]** button to input the movie name that you want search.

Language: Press **[◄, ►]** buttons to select the language.

4. Press **[red]** button to search and display the list.
5. Press **[▲, ▼]** buttons to select a subtitle.
6. Press **[ok]** button to download.

Note: if the subtitle is belong the current play movie, it will be display.



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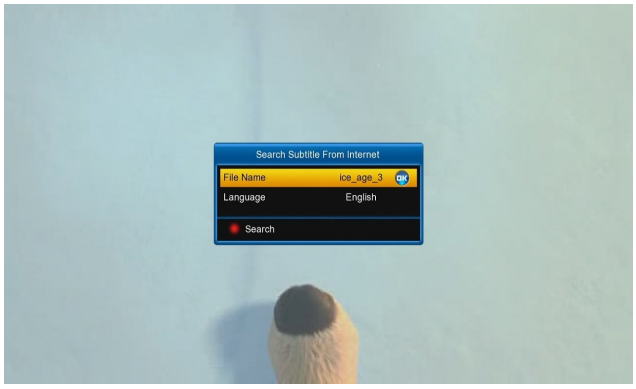
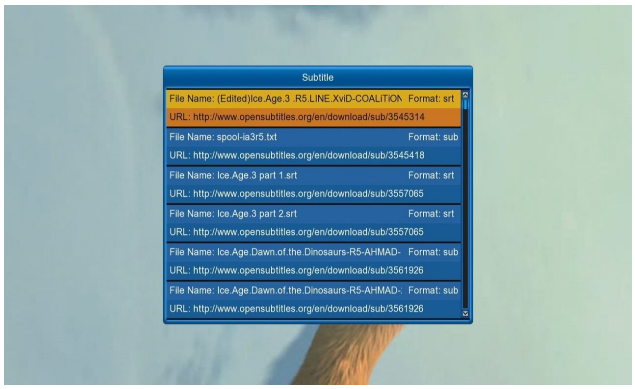
File List





12.7 Setting Subtitle

When play a movie file, the info bar hide, press **[yellow]** button to enter into **Subtitle** menu:

Subtitle: press **[ok]** button, and then press **[▲, ▼]** buttons to select **ON** or **OFF**, at last press **[ok]** button. Or press **[◄, ►]** buttons to select **ON** or **OFF**.

ON: Allow to display the downloaded subtitle.

OFF: Can't display subtitle.

Note: if it select OFF, the other options can't edit.

Adjust Time: Press **[ok]** button and use **[▲, ▼]** buttons to adjust time, making it synchronous.

Encode: Press **[ok]** button, and then press **[▲, ▼]** buttons to select one option, at last press **[ok]** button. Or press **[◄, ►]** buttons to select one option.

ANSI, UTF-8, UTF-16 Little-Endian, UTF-16 Big-Endian, Big5, GB2312, Turkey(ISO), Arabic(ISO), Arabic(Windows), Latin2

Language: Press **[ok]** button, and then press **[▲, ▼]** buttons to select a language, at last press **[ok]** button. Or press **[◄, ►]** buttons to select a language.

Site: Press [ok] button, and then use **[▲, ▼]** buttons to move the display subtitle place.

Size: using number buttons to input the size.

Note: The size between 30% and 200%.

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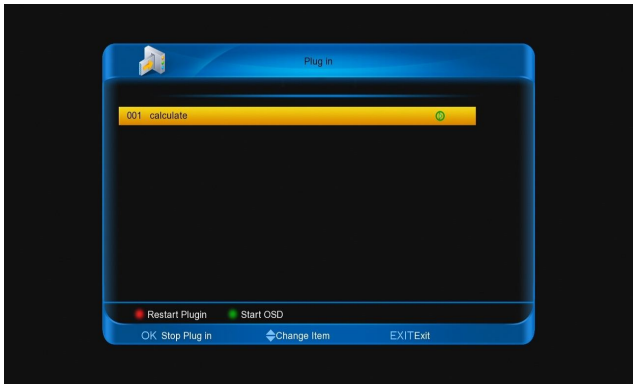
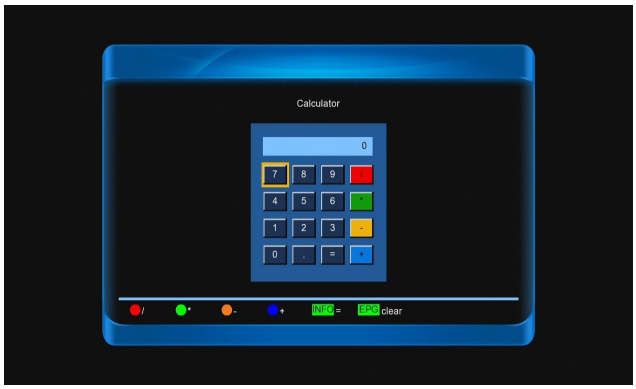
13 Plug In

This menu is allows user install software by self. It supports the number of software by the hardware. It only has a calculating at first.

13.1 Using the calculating

1. Press **[ok]** button to start the function.
2. Press **[green]** button to enter into menu.
3. Press number buttons to input.
4. Press color and **[INFO]** buttons to input operator.
5. Press **[EPG]** button to clear the input.



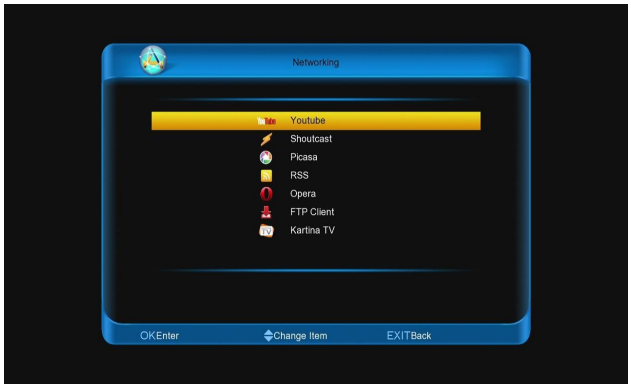


14 Networking

This menu is some internet applications. There are **Youtube**, **Shoutcast**, **Picasa**, **RSS**, **Opera**, **Portal**, **kartina TV**, **YouPorn**.

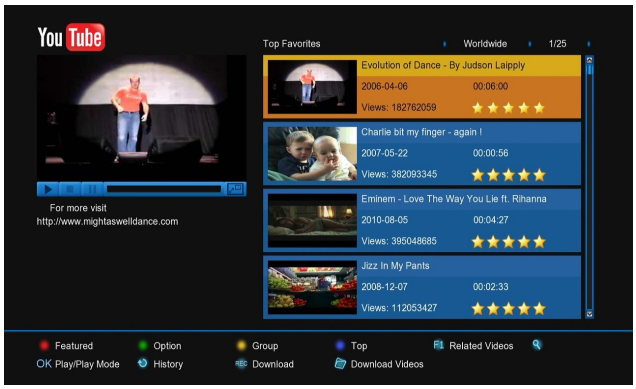
14.1 Youtube

Youtube can play stream media in www.youtube.com.



14.1.1 Play the video

1. Press **[ok]** button to connect and display the list.
2. Press **[red]** button to display the featured video list.
3. Press **[▲, ▼]** buttons to select a video.
4. Press **[ok]** button to downloading and playing on top left corner.
5. Press **[ok]** button again to playing in mid of screen.
6. Press **[ZOOM]** button, the video will play in full screen.
7. Press **[PAUSE]** button to pause the video.
8. Press **[PLAY]** button to continue play video.
9. Press **[STOP]** button to stop the video.



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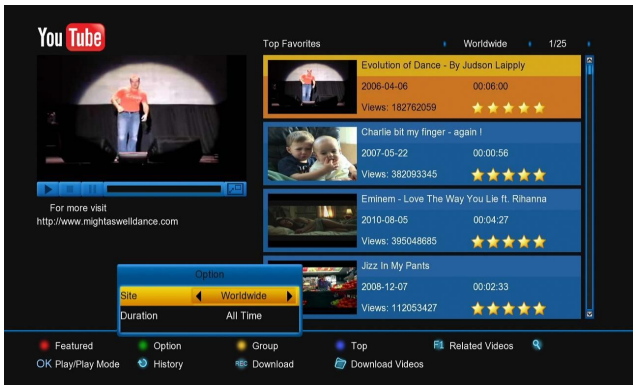
Networking

14.1.2 Sort for the list

1. Press **[green]** button.
2. Press **[▲, ▼]** buttons to select **Site** or **Duration**.

Site: it includes **Germany**, **Worldwide**, **Poland** and so on.

Duration: it includes **All Time**, **This Week**, **This Month** and so on

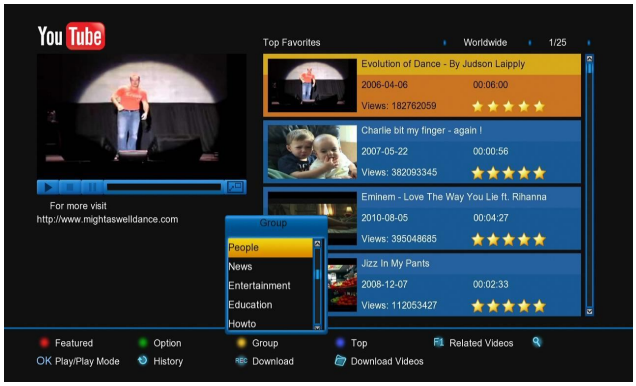


14.1.3 Change group

1. Press **[yellow]** button.
2. Press **[▲, ▼]** buttons to select an option.

Game, **News**, **Tech**, **Movie** and so on.

3. Press **[ok]** button.



14.1.4 Display the top video

1. Press **[blue]** button.
2. Press **[▲, ▼]** buttons to select an option.

Top favoufites, **Top rated, Most views**, **Most recent** and **so on.**

3. Press **[ok]** button.

14.1.5 Display the relate videos

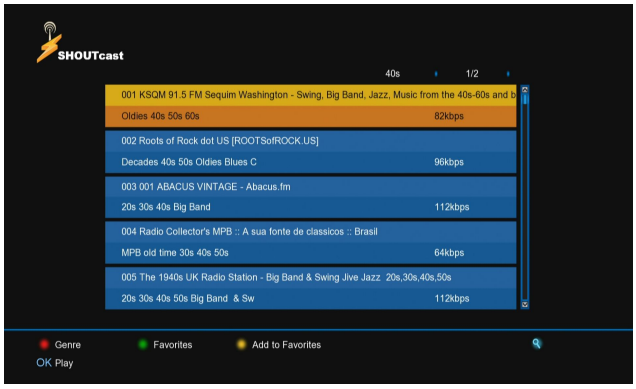
Press **[F1]** button to display the relate videos about the highlight video.

14.1.6 Download the video

1. Go to the **System->PVR/HDD Setting->Youtube Record Setting** menu to set the path of the file save.
2. Press **[RECORD]** button to start downloading the video file.
3. Press **[FOLDER]** button to enter into the downloading list.

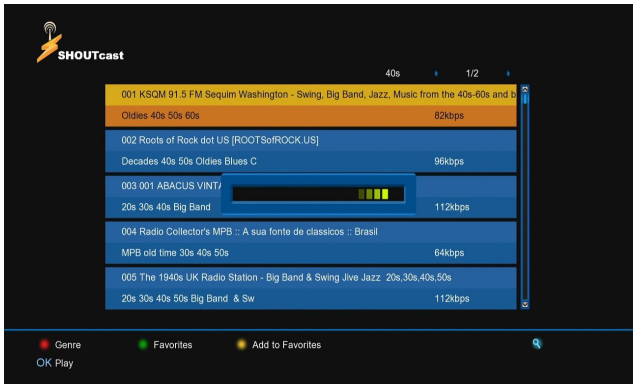
14.2 Shoutcast

This menu is radio in www.shoutcast.com.


SHOUTcast
40s
1/2
001 KSQM 91.5 FM Sequim Washington - Swing, Big Band, Jazz, Music from the 40s-60s and b
Oldies 40s 50s 60s
82kbps
002 Roots of Rock dot US [ROOTSofROCK.US]
Decades 40s 50s Oldies Blues C
96kbps
003 001 ABACUS VINTAGE - Abacus.fm
20s 30s 40s Big Band
112kbps
004 Radio Collector's MPB :: A sua fonte de classicos :: Brasil
MPB old time 30s 40s 50s
64kbps
005 The 1940s UK Radio Station - Big Band & Swing Jive Jazz 20s,30s,40s,50s
20s 30s 40s 50s Big Band & Sw
112kbps
Genre
Favorites
Add to Favorites
OK Play

14.2.1 Play the radio

Press **[ok]** button to downloaded and then play it.


SHOUTcast
40s
1/2
001 KSQM 91.5 FM Sequim Washington - Swing, Big Band, Jazz, Music from the 40s-60s and b
Oldies 40s 50s 60s
82kbps
002 Roots of Rock dot US [ROOTSofROCK.US]
Decades 40s 50s Oldies Blues C
96kbps
003 001 ABACUS VINT
20s 30s 40s Big Band
112kbps
004 Radio Collector's MPB :: A sua fonte de classicos :: Brasil
MPB old time 30s 40s 50s
64kbps
005 The 1940s UK Radio Station - Big Band & Swing Jive Jazz 20s,30s,40s,50s
20s 30s 40s 50s Big Band & Sw
112kbps
Genre
Favorites
Add to Favorites
OK Play

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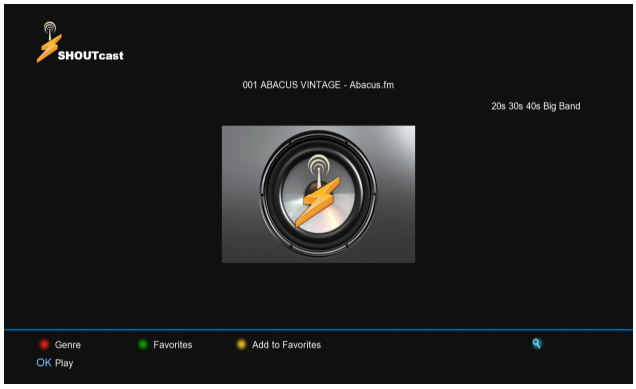
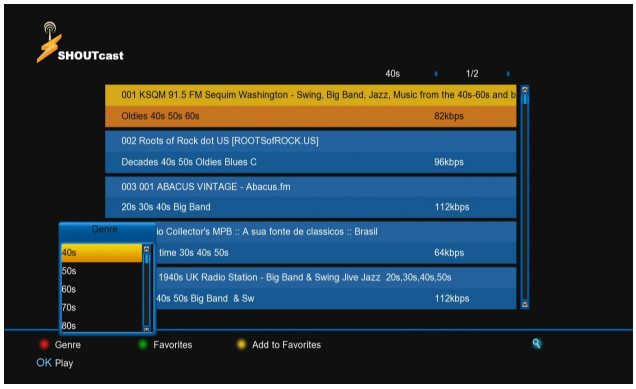
Networking



14.2.2 Select Genre

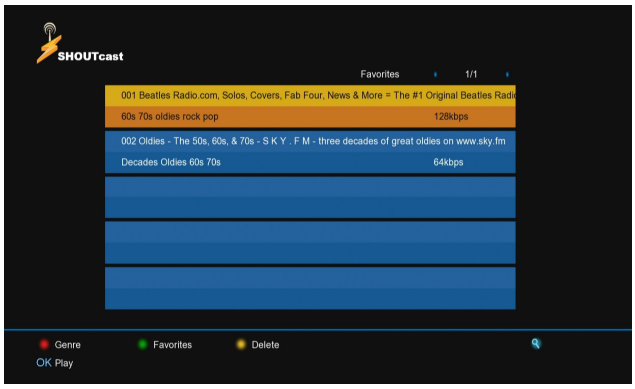
1. Press **[red]** button.
2. Press **[▲, ▼]** buttons to select an option.
3. Press **[ok]** button.



14.2.3 Add to Favorites

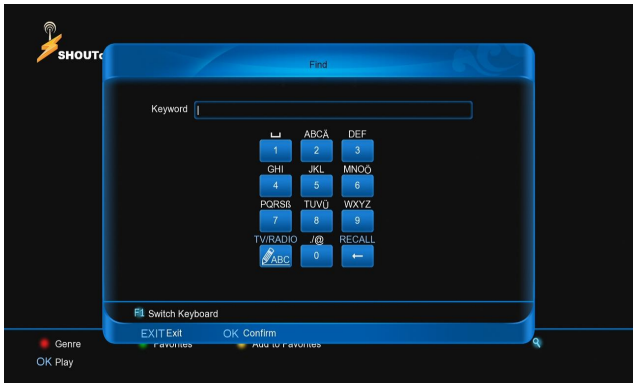
1. Press **[▲, ▼]** buttons to select.
2. Press **[yellow]** button

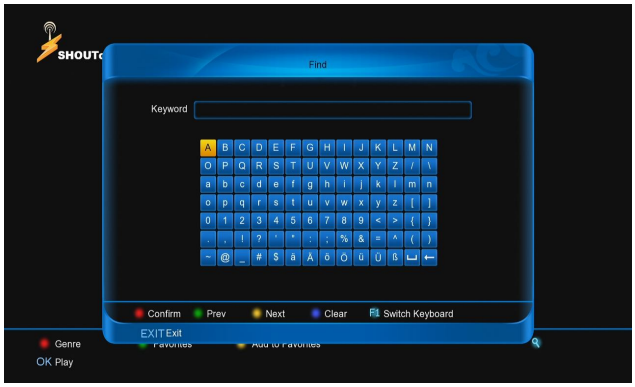
Note: Press **[green]** button to switch favorites list.


SHOUTcast
Favorites
1/1
001 Beatles Radio.com, Solos, Covers, Fab Four, News & More = The #1 Original Beatles Radi
60s 70s oldies rock pop
128kbps
002 Oldies - The 50s, 60s, & 70s - S K Y . F M - three decades of great oldies on www.sky.fm
Decades Oldies 60s 70s
64kbps
Genre
Favorites
Delete
OK Play

14.2.4 Find radio

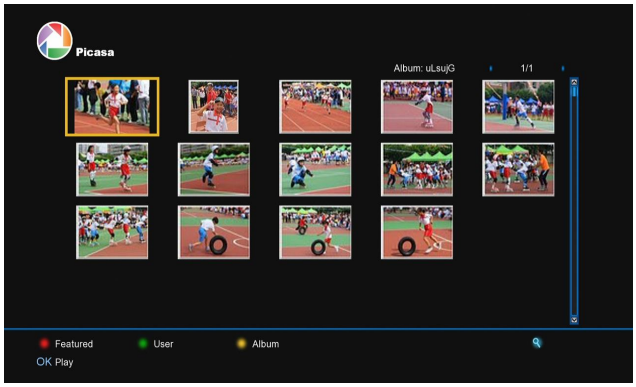
1. Press **[FIND]** button
2. Input the keyword.
3. Press **[red]** button to confirm and find





14.3 Picasa

This menu is picture in www.picasa.com



14.3.1 Display the picture

1. Press **[▲, ▼]** and **[◄, ►]** buttons to select one picture.
2. Press **[ok]** button
3. Press **[◄, ►]** buttons to display the anterior or next picture.

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14.3.2 Display the user's album

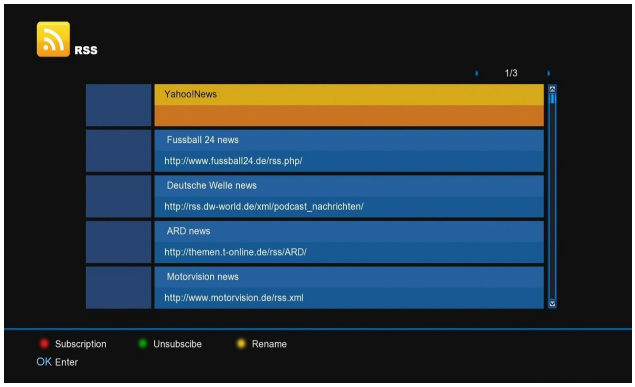
Press **[green]** button to show the user's album of the highlight picture.

14.3.3 Display the album

Press **[yellow]** button to display the album of the highlight picture.

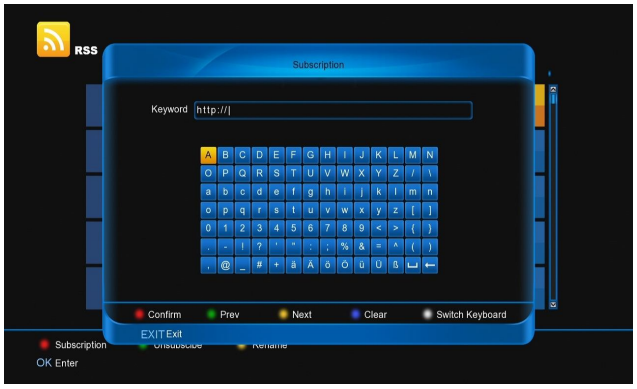
14.4 RSS

This menu is display RSS web.



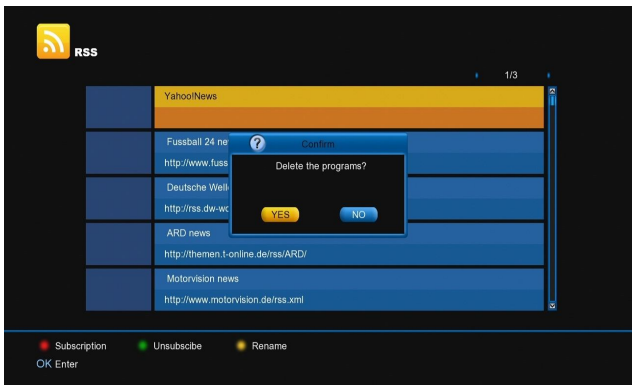
14.4.1 Add new subscription

Press **[red]** button to enter into Subscription menu, and then input the URL, at last press **[red]** button to confirm and save.



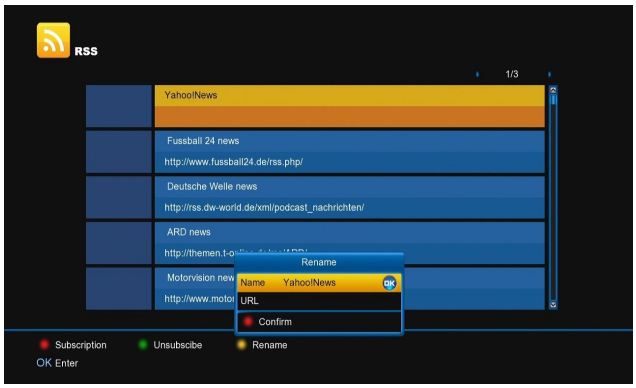
14.4.2 Delete subscription

Press **[green]** button and then select **YES**, at last press **[ok]** button.



14.4.3 Edit

1. Press **[yellow]** button.
2. Press **[▲, ▼]** buttons to select **Name** or **URL**.
3. Press **[ok]** button to input the name or URL, then press **[red]** button to confirm and save.



14.4.4 Display Subscription

1. Press **[ok]** button to display the news list.
2. Press **[▲, ▼]** buttons to select a news.

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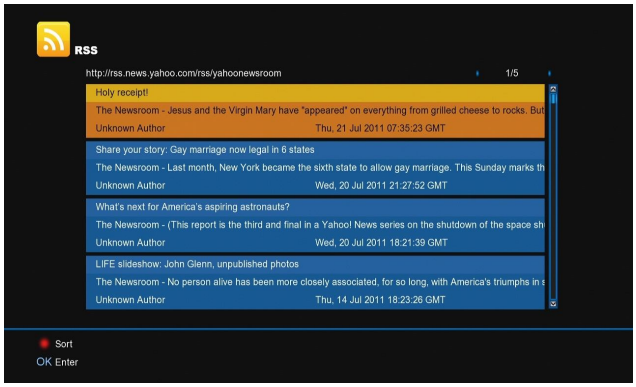
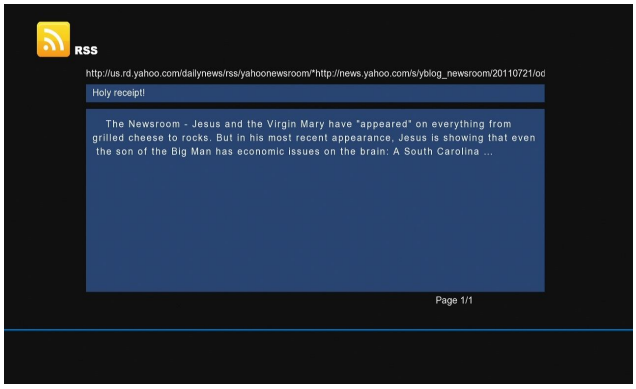
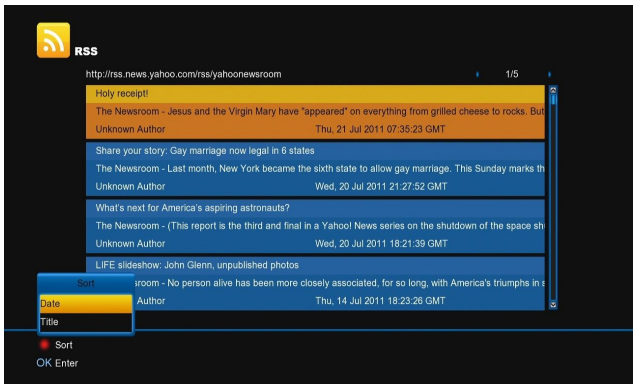
3. Press **[ok]** button to display detail information.
4. If it has several pages, press **[P+/P-]** buttons to display anterior or next page.


RSS
http://rss.news.yahoo.com/rss/yahoonewsroom
1/5
Holy receipt!
The Newsroom - Jesus and the Virgin Mary have "appeared" on everything from grilled cheese to rocks. But
Unknown Author
Thu, 21 Jul 2011 07:35:23 GMT
Share your story: Gay marriage now legal in 6 states
The Newsroom - Last month, New York became the sixth state to allow gay marriage. This Sunday marks th
Unknown Author
Wed, 20 Jul 2011 21:27:52 GMT
What's next for America's aspiring astronauts?
The Newsroom - (This report is the third and final in a Yahoo! News series on the shutdown of the space sh
Unknown Author
Wed, 20 Jul 2011 18:21:39 GMT
LIFE slideshow: John Glenn, unpublished photos
The Newsroom - No person alive has been more closely associated, for so long, with America's triumphs in
Unknown Author
Thu, 14 Jul 2011 18:23:26 GMT
Sort
OK Enter


RSS
http://us.rd.yahoo.com/dailynews/rss/yahoonewsroom/*http://news.yahoo.com/s/yblog_newsroom/20110721/od
Holy receipt!
The Newsroom - Jesus and the Virgin Mary have "appeared" on everything from grilled cheese to rocks. But in his most recent appearance, Jesus is showing that even the son of the Big Man has economic issues on the brain: A South Carolina ...
Page 1/1

14.4.5 Sort the news list

1. In the list, press **[red]** button.
2. Press **[▲, ▼]** buttons to select **Date** or **Title**.
3. Press **[ok]** button.

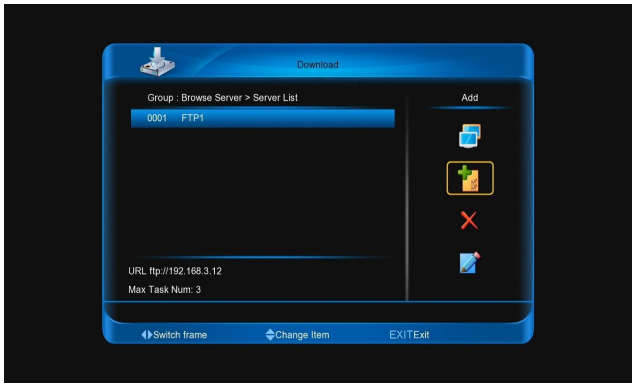

RSS
http://rss.news.yahoo.com/rss/yahoonewsroom
1/5
Holy receipt!
The Newsroom - Jesus and the Virgin Mary have "appeared" on everything from grilled cheese to rocks. But
Unknown Author
Thu, 21 Jul 2011 07:35:23 GMT
Share your story: Gay marriage now legal in 6 states
The Newsroom - Last month, New York became the sixth state to allow gay marriage. This Sunday marks th
Unknown Author
Wed, 20 Jul 2011 21:27:52 GMT
What's next for America's aspiring astronauts?
The Newsroom - (This report is the third and final in a Yahoo! News series on the shutdown of the space sh
Unknown Author
Wed, 20 Jul 2011 18:21:39 GMT
LIFE slideshow: John Glenn, unpublished photos
Sort
Date
Title
Author
Thu, 14 Jul 2011 18:23:26 GMT
Sort
OK Enter

14.5 Opera

This menu is a Browser that called opera. You can use it like IE.

14.6 FTP Client

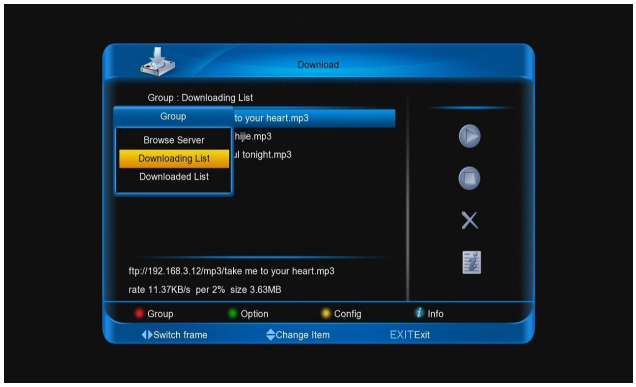
This menu use to download file from FTP server



14.6.1 Switch Group

When the cursor is on the left column:

1. Press **[red]** button.
2. Press **[▲, ▼]** buttons to select **Browse Server**, **Downloading List** or **Downloaded List**.
3. Press **[ok]** button.



14.6.2 Option

When the cursor is on the left column:

1. Press **[green]** button.
2. Press **[▲, ▼]** buttons to select **Select All**, **Unselect All** or **Select Others**.
3. Press **[ok]** button.

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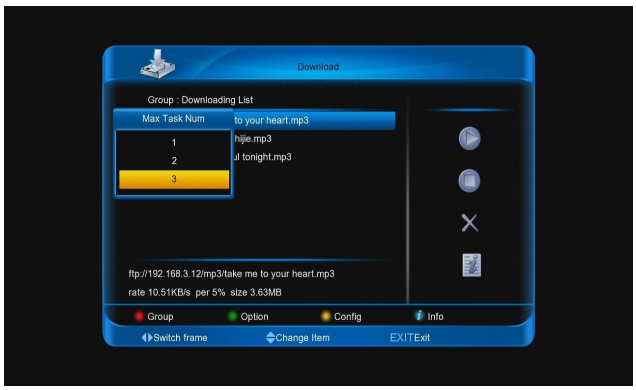
Networking

14.6.3 Setting downloading files number at the same time

When the cursor is on the left column:

1. Press **[yellow]** button.
2. Press **[▲, ▼]** buttons to select **1**, **2** or **3**.
3. Press **[ok]** button.



14.6.4 Display the information about the downloading / downloaded file

In the **Downloading List** or **Downloaded List**, there are two ways to display the information.

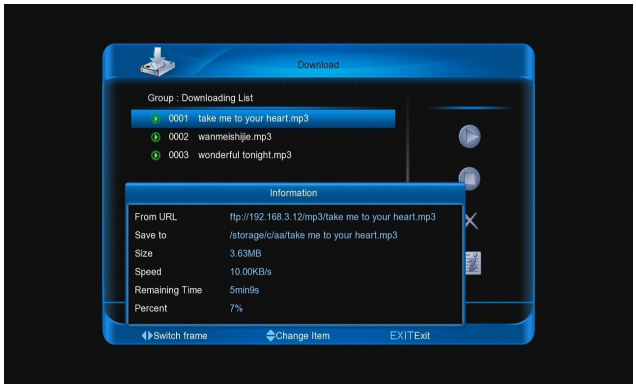
When the cursor is on the left column:

※ Press **[INFO]** button.

Note: Press **[INFO]** or **[EXIT]** button to cancel display.

※ Press **[►]** button, and then press **[▲, ▼]** buttons to select **info**, at last press **[ok]** button.

Note: Press **[ok]** or **[EXIT]** button to cancel display



14.6.5 Add/Edit server

Go to **menu/download** menu

1. Press **[►]** button.
2. Press **[▲, ▼]** buttons to select **Add**.
3. Press **[ok]** button to enter into the menu:
   - **Server Name**: Press **[ok]** button to enter into **Server Name** menu, and then input the name.
   - **FTP Server URL**: Press **[ok]** button to enter into **Server URL** menu, and then input the **URL**.
   - **Anonymous FTP**: Press **[◄, ►]** button to select **NO** or **YES**.
   - **User Name**: Press **[ok]** button to enter into **User Name** menu, and then input the name.
   - **Password**: Press **[ok]** button to enter into **Password** menu, and then input the password.
   - **Server Description**: Press **[ok]** button to enter into **Server Description** menu, and then input the description.
   - Press **[green]** button to test connect FTP server.
   - Press **[red]** button to add the server.

Note: When **Anonymous FTP** select **NO**, the **User Name** and **Password** can't edit.

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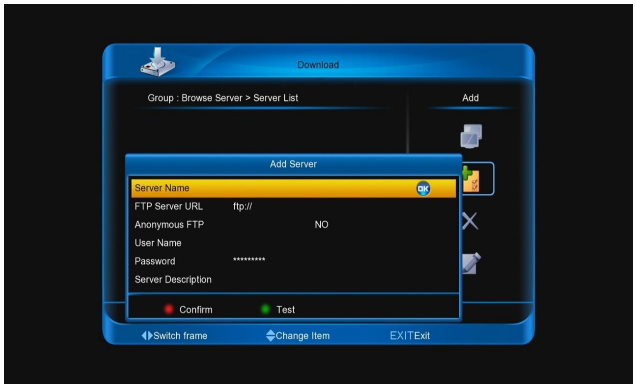
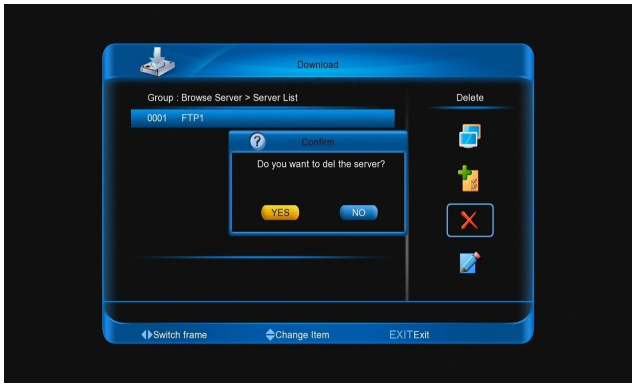
Networking



14.6.6 Delete Servers

1. Press **[ok]** and **[▲, ▼]** buttons to select servers.
2. Press **[►]** button.
3. Press **[▲, ▼]** buttons to select **Delete**, and select **YES**.

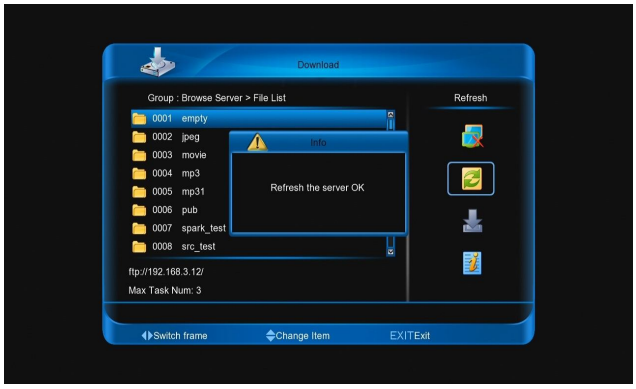


14.6.7 Connect Server

1. Press **[▲, ▼]** buttons to select server.
2. Press **[►]** button.
3. Press **[ok]** button to connect the server, and then enter into the File List.

14.6.8 Refresh File List

1. Connect server.
2. Press **[►]** button.
3. Press **[▲, ▼]** buttons to select **Refresh**, and then press **[ok]** button.



14.6.9 Add Downloading File

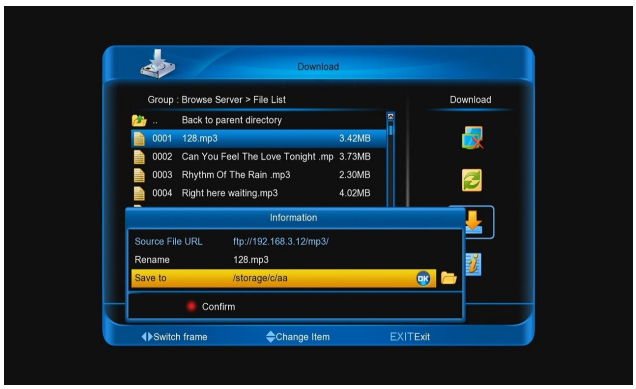
1. Connect server.
2. Press **[▲, ▼]** buttons to select a file.
3. Press **[►]** button.
4. Press **[▲, ▼]** buttons to select **Download**, and then press **[ok]** button.

Source File URL: Display the source file URL.

Rename: Press **[ok]** button to enter into **Rename** menu, and then input the name.

Save to: Press **[ok]** button to select the folder to storage the downloading file.

Press **[red]** button to confirm and start downloading.



14.6.10 Stop Downloading

In the **Downloading List**:

1. Select the downloading files.
2. Press **[►]** button.
3. Press **[▲, ▼]** buttons to select **Stop.**
4. Press **[ok]** button.

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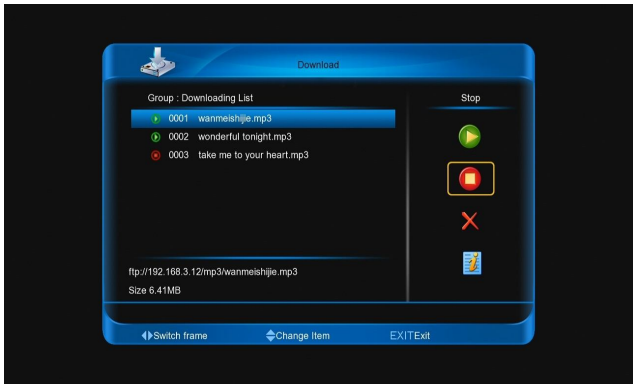
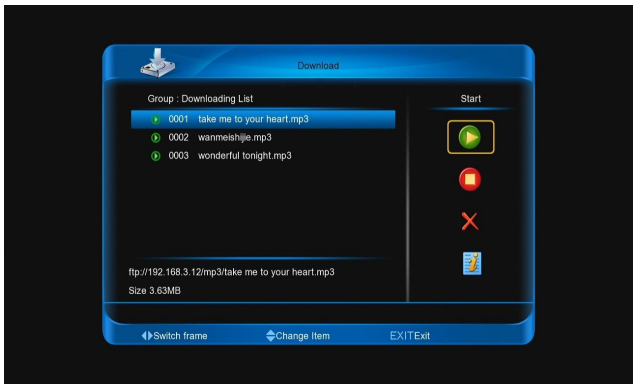
Networking



14.6.11 Make Stopping Download files to Start

In the **Downloading List**:

1. Select the stopping files.
2. Press **[►]** button.
3. Press **[▲, ▼]** buttons to select **Start.**
4. Press **[ok]** button.



14.6.12 Delete files

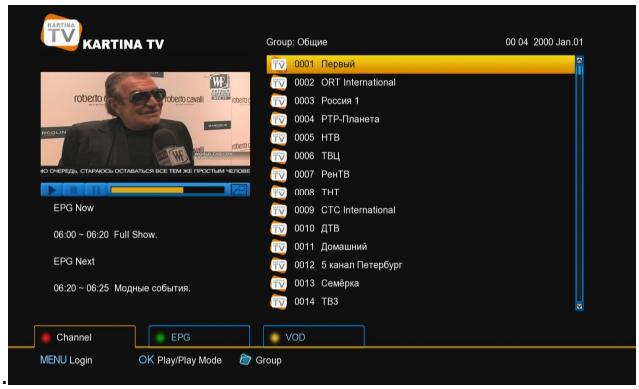
In the **Downloading List** or **Downloaded List**:

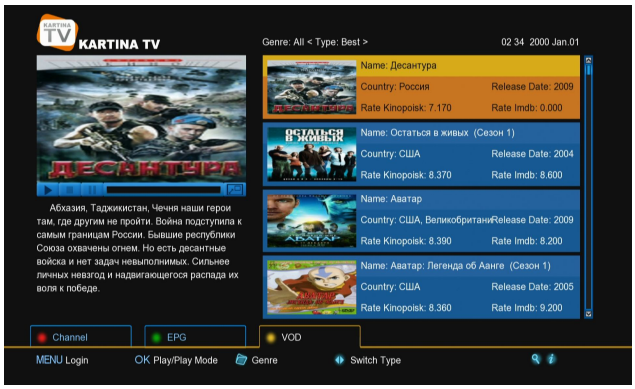
1. Select the files that you want delete.
2. Press **[►]** button.
3. Press **[▲, ▼]** buttons to select **Delete.**
4. Press **[ok]** button, then select **YES**.

14.7 Kartina TV

This menu is play video on "www.kartina.tv."

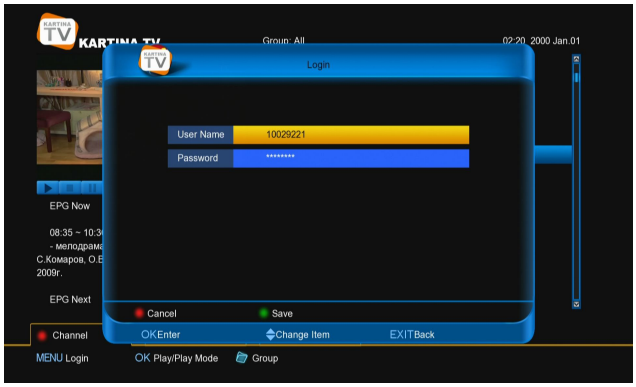
1. Press **[red]** button to display channel list.
2. Press **[green]** button to display the channel EPG list.
3. Press **[yellow]** button to display the VOD list





14.7.1 Login

1. Press **[menu]** button.
2. Input **User Name** and **Password.**
3. Press **[green]** button to save and login.



14.7.2 Play Video

1. Press **[▲, ▼]** buttons to choose an channel.
2. Press **[ok]** button to play it.
3. Press **[ok]** button again to play it in full screen.

14.7.3 Switch Group/Service

1. Press **[folder]** button to display the group menu.
2. Press **[▲, ▼]** buttons to choose a group/Service.

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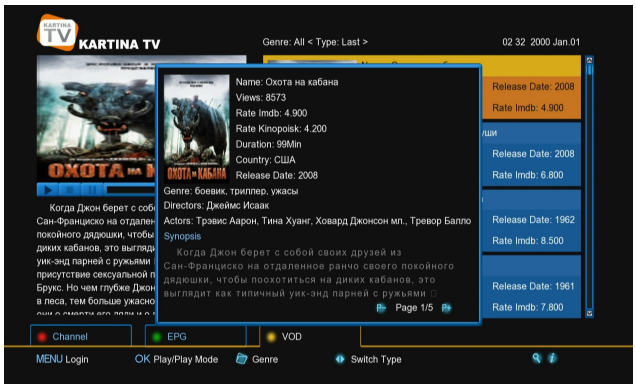
3. Press **[ok]** button to confirm.

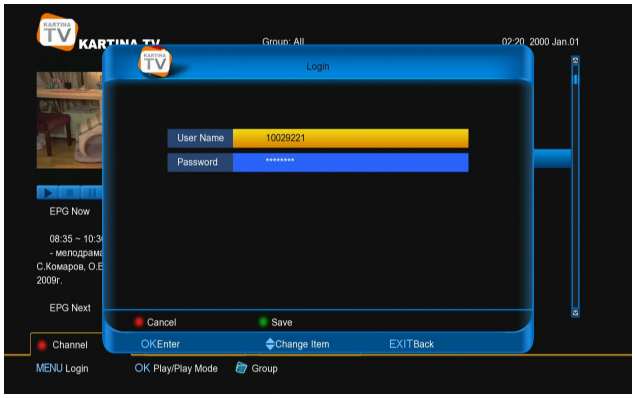
14.7.4 Switch Date/Type

Press **[◄, ►]** buttons to switch date/type.

14.7.5 Display the information at VOD list.

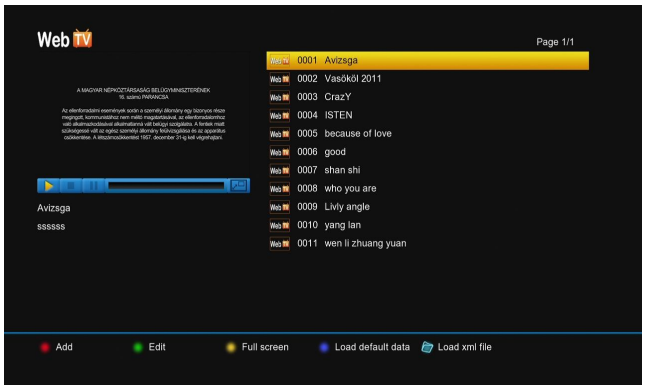
Press **[INFO]** button to display the information about the video.





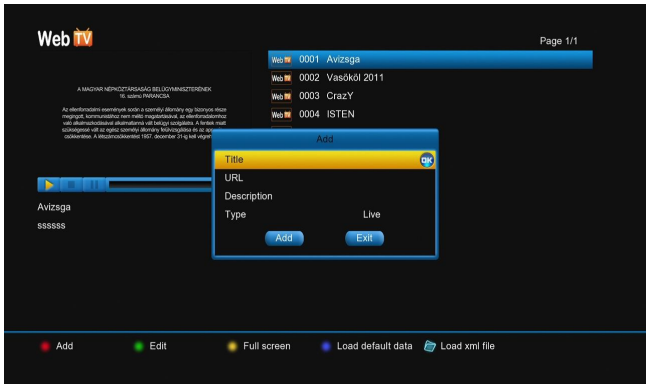
14.8 Web TV

This menu play the TV in the internet.



14.8.1 Add Web TV

3. Press **[red]** button to enter into the **Add** menu.
4. Press **[ok]** button at **Title** item, and then input the title.
5. Press **[ok]** button at **URL** item, and then input the URL.
6. Press **[ok]** button at **Description** item, and then input the description.
7. Press **[◄, ►]** button at **Type** item to select **Live** or **File**.
8. Select **Add** and press **[ok]** button.



14.8.2 Edit Web TV information

❖ Press **[green]** button to enter into the **Edit** menu.

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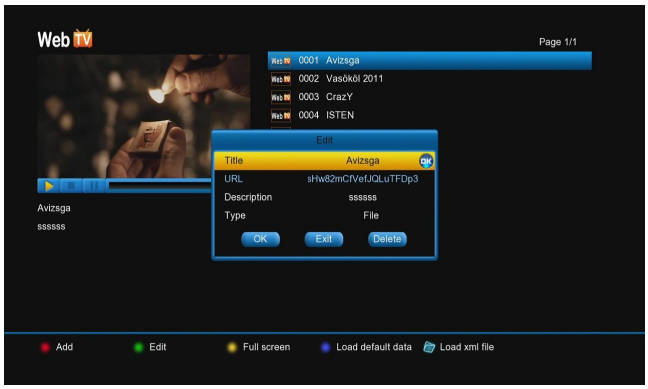
❖ Press **[ok]** button at **Title** item, and then input a new title.

❖ Press **[ok]** button at **Description** item, and then input a new description.

❖ Press **[◄, ►]** button at **Type** item to select **Live** or **File**.

❖ Select **OK** and press **[ok]** button.



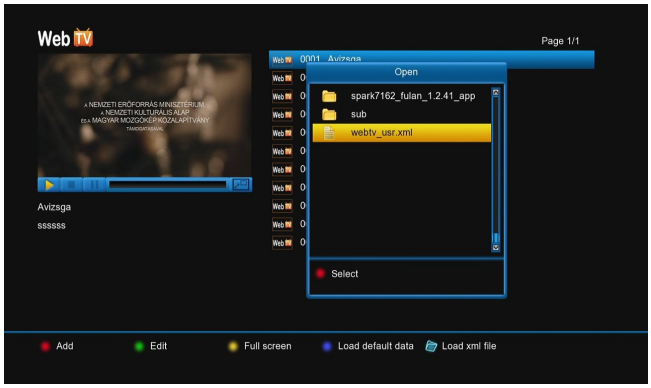
14.8.3 Load default data

Press **[blue]** button to load default data.

Note: The list will show the default data and lost you add web tv.

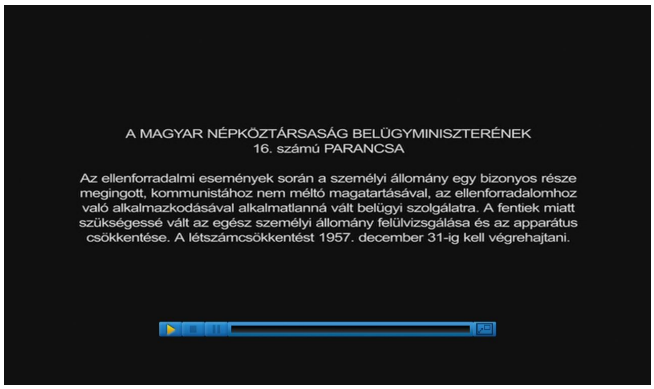
14.8.4 Load xml file from USB hard

Press **[FOLDER]** button to select the file and then press **[ok]** button.



14.8.5 Play Web TV

1. Press **[▲, ▼]** button to select a web tv.
2. Press **[ok]** button to play it at the upper left corner.
3. Press **[yellow]** button to play it at full screen. And press **[exit]** button to restore.
4. Press **[PAUSE]** button to pause playing.
5. Press **[STOP]** button to stop playing


A MAGYAR NÉPKÖZTÁRSASÁG BELÜGYMINISZTERÉNEK
16. számú PARANCSA
Az ellenforradalmi események során a személyi állomány egy bizonyos része megingott, kommunistához nem méltó magatartásával, az ellenforradalomhoz való alkalmazkodásával alkalmatlanná vált belügyi szolgálatra. A fentiek miatt szükségessé vált az egész személyi állomány felülvizsgálása és az apparátus csökkentése. A létszámcsökkentést 1957. december 31-ig kell végrehajtani.

14.9 Web Server

This function is setting STB parameter from browser by internet.

14.9.1 Login the STB

1. In the browser address bar, input the IP of the STB, and press **Enter** key.
2. Input **User Name** and **Password**.
   a) **User Name**: root

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b) **Password**: root

3. Press **enter** button.

14.9.2 Setting

This menu include:

Language Setting, Time Setting, Parental Control, Factory Default, Miscellaneous Setting, Network Hard disk, Contact, System Information, Record Setting, Youtube Record Setting, Ip Config, FTP Password, A/V Output, Conditional, Timeshift Setting 3G Network.

Those items operate like **SYSTEM** menu.

14.9.3 System

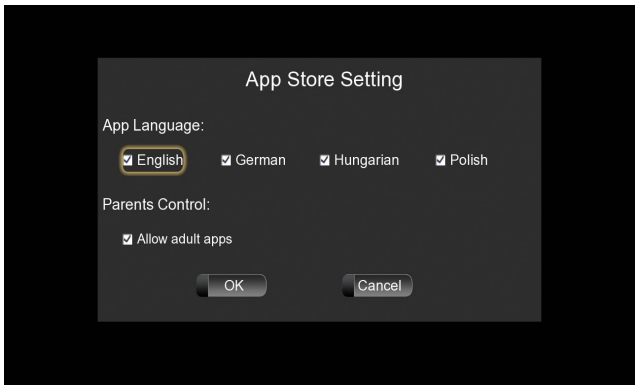
This menu include:

Cpu Information, Mem Information, Performance Analysis, Debug Information, System Restart, System Shutdown and **Upgrade.**

15 Portal

15.1 Setting Language

1. Press **[ok]** button to enter into **Spark Portal** menu.
2. Press **[►]** button to select **Setting**.
3. Press **[◄, ►]** and **[ok]** buttons to select one or more language.
4. Press **[◄, ►]** and **[▲, ▼]** buttons to select **OK** button .
5. Press **[ok]** button to affirm and exit.



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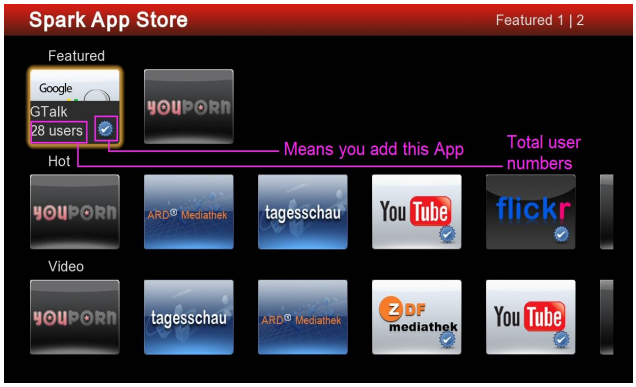
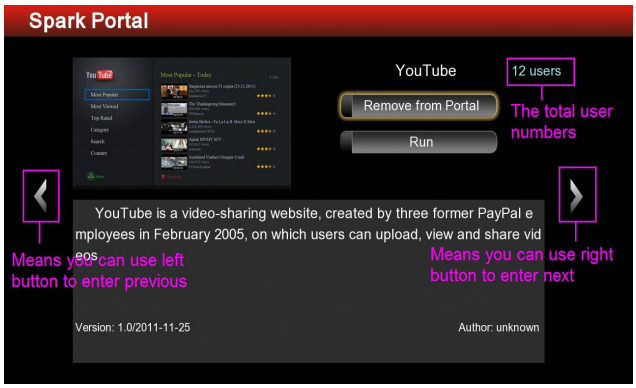
15.2 Add App

1. Press **[ok]** button to enter **Spark App Store**.
2. Press **[◄, ►]** and **[▲, ▼]** buttons to select one point.
3. Press **[ok]** button to enter.
4. Press **[◄, ►]** buttons to select Add to portal.




Spark Portal
YouTube
12 users
Remove from Portal
Run
The total user numbers
YouTube is a video-sharing website, created by three former PayPal employees in February 2005, on which users can upload, view and share videos
Means you can use left button to enter previous
Means you can use right button to enter next
Version: 1.0/2011-11-25
Author: unknown

15.3 Remove App

❖ In **Spark App Store** menu:

1. Press **[◄, ►]** and **[▲▼]** buttons to select one point that you are added.
2. Press **[ok]** button to enter.
3. Press **[▲ ▼]** buttons to select Remove from portal.

❖ In **Spark Portal** menu:

1. Press **[◄, ►]** and **[▲▼]** buttons to select one point.
2. Press **[blue]** button to enter.
3. Press **[▲ ▼]** buttons to select Remove from portal.

15.4 Move App

In **Spark Portal** menu:

1. Press **[◄, ►]** and **[▲▼]** buttons to select one point.
2. Press **[yellow]** button.
3. Press **[◄, ►]** and **[▲▼]** buttons to move it.
4. Press **[ok]** button to confirm.

Note: App Store and Setting can't move.

15.5 Run APP

❖ In **Spark App Store** menu:

1. Press **[◄, ►]** and **[▲▼]** buttons to select one point.
2. Press **[ok]** button to enter.
3. If you are adding, press **[▲▼]** buttons to select **Run**. Or you must press **Add to portal** first, and then select **Run**.
4. Press **[ok]** button.

❖ In **Spark Portal** menu:

1. Press **[◄, ►]** and **[▲▼]** buttons to select one point.
2. Press **[ok]** button.

15.6 Navigation Menu

1. Press [MENU] button to display the navigation menu.
2. Press icon to display the default internet point.
3. Press icon to display a browser, you can use it like IE.

4. Press icon to make browser to display front internet point that you linked.

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Portal

5. Press icon to make browser to display next internet point that you linked.

6. Press icon to refresh the information.

7. Press icon to startup/cancel soft keyboard.

8. Press icon to startup/cancel mouse.

9. Press icon to exit spark portal.

10. Press icon to display the help information.

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Addenda

16 Trouble Shooting

If you suspect there is a fault with your receiver, please check the following trouble shooting guide before calling authorized service agent.

Warning! Under no circumstances attempt to repair the receiver yourself. Tampering with the receiver may result in fatal electric shock and will invalidate your warranty.

Symptom	**Possible cause**
Settings you made in the menu have not change	The receiver lost power before being able to enter into standby mode Some of the Settings saved by user can be deleted partly or fully
No signal	The level of signal is weak LNB is out of order The cable from the LNB or Terrestrial is incorrectly Connected (short circuit or open circuit) The position of dish is aligned incorrectly
Receiver is on but no picture or sound except the following messages (NO TV program)	Channel is not available Channel is scramble
Receiver not responding to remote control unit	RCU batteries are dead or inserted incorrectly The RCU is pointing toward wrong direction
Poor picture Quality	The level of Signal strength is low
No sound	The cable is connected incorrectly The Volume level is low Muting function is active
No display on the LED Display	The power cord is not plugged in correctly.
No picture on the screen	Receiver is in Standby mode RCA Jack or cable is not connected firmly to the video output port of television Incorrect channel or video output is selected on television Brightness level of your TV set is incorrectly defined

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Addenda

17 Specifications

SYSTEM RESOURCES	
Main Processor	450M Hz based CPU
Flash Memory	Nor flash:8MB X 1 ; Nand flash:512MB X 1
DDR SDRAM	DDR2 128MB x 2
Tuner/Front-end(Optional)	
Tuner Type	DVB-S / DVB-S2
Input Connector	F-type, Connector, Female
Loop Through	F-type, Connector, Female
Signal Level	-65 to -25 dBm
LNB Power & Polarization	Vertical: +13V/+14V
	Horizontal: +18V/+19V
	Current: Max. 500mA
	Overload Protection
22KHz Tone	Frequency: 22±1KHz
DiSEqC Control	Amplitude: 0.6±0.2V
	Version 1.0, 1.1 1.2, USALS Available
Demodulation	QPSK, 8PSK
Input Symbol Rate	2-45 Mbps, Convolution Code Rate
	1/2, 2/3, 3/4, 5/6,7/8,1/4,1/3,2/5,3/5,4/5,8/9,9/10 and Auto
POWER SUPPLY	
Input Voltage	Free Voltage (100~240V AC, 50/60Hz)
Power Consumption	20W MAX
MPEG TS A/V Decoding	
Transport Stream	MPEG-2, H.264
Input Rate	Max.120Mbit/s
Aspect Radio	4:3, 16:9, Letter Box
Video Decoding	MPEG-2, MP@ML, MPEG-4 part 10/H264
Video Resolution	720*480P/I, 720*576P/I, 1280*720p,1920*1080i, 1920*1080p
Audio Decoding	MEPG-1 layer I/II, Mpeg2 layerII, Dolby digital
Audio Mode	Left / Right / Stereo/ Mono
Sampling Rate	32, 44.1 and 48KHz
A/V & DATA INPUT/OUTPUT	
TV-SCART	Video CVBS/RGB output
	Audio L/R output
RCA A/V	Video CVBS output
	Audio L/R output
S/PDIF	Coaxial, Digital Audio or Dolby Digital Bit Stream Output
RS-232C	Transfer rate 115.2Kbps
	9 pin D-sub Type
RJ-45	10M/100M

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USB	One USB 2.0 slot Compatible for Host
HDMI	VER1.2
	Type A
PHYSICAL SPECIFICATION	
Size[W*H*D]	300mm*64mm*231mm
Net Weight	1.56KG
Operation Temperature	0℃~+45℃
Storage Temperature	-10℃~+70℃
Storage Humidity	5%~95% RH (Non-Condensing)

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